



# भारत का राजपत्र The Gazette of India

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इस भाग में भिन्न पृष्ठ संख्या दी जाती है जिससे कि यह अलग संकलन के रूप में रखा जा सके।  
(Separate paging is given to this Part in order that it may be filed as a separate compilation)

## भाग III—खण्ड 2

### [PART III—SECTION 2]

[पेटेंट कार्यालय द्वारा जारी की गई पेटेंटों और डिजाइनों से सम्बन्धित अधिसूचनाएं और नोटिस]  
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PATENTS AND DESIGNS

Kolkata, the 8th December 2001

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586 1257, 586 1258.  
Fax No. (011) 5861256.

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443, Annasalai, Teynampet,  
Chennai-600 018.

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Pondicherry and the Union  
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Minicoy and Aminiadivi Islands.

Telegraphic address "PATENTOFIS"  
Phone No. (044) 431 4324/4325/4326.  
Fax No. (044) 431 4750/4751.

Patent Office (Head Office),  
Nizam Palace, 2nd M.S.O. Building,  
5th, 6th & 7th Floor,  
234/4, Acharya Jagadish Bose Road,  
KOLKATA-700 020.

Rest of India.

Telegraphic address "PATENTS"  
Phone No. (033) 247 4401, 247 4402, 247 4403.  
Fax No. (033) 247 3851, (033) 240 1353.

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### पेटेंट कार्यालय एकस्व तथा अभिकल्प

कोलकाता, दिनांक 08 दिसम्बर 2001

पेटेंट कार्यालय के कार्यालयों के पते एवं क्षेत्राधिकार

पेटेंट कार्यालय का प्रधान कार्यालय कोलकाता में अवस्थित है तथा मुम्बई, दिल्ली एवं चेन्नई में इसके शाखा कार्यालय हैं, जिनके प्रादेशिक क्षेत्राधिकार जोन के आधार पर निम्न रूप में प्रदर्शित हैं:—

पेटेंट कार्यालय शाखा,  
टोडी इस्टेट, तीसरा तल,  
सन मिल कम्पाउंड,  
लोअर परेल (वेस्ट),  
मुम्बई - 400 013।

गुजरात, महाराष्ट्र, मध्य प्रदेश  
गोआ तथा छत्तीसगढ़ राज्य क्षेत्र एवं संघ  
शासित क्षेत्र, दमन तथा दीव,  
दादर और नगर हवेली।

तार पता - "पेटेंटोफिस"  
फोन - (022) 492 4058, 496 1370, 490 3684.  
फैक्स - (022) 425 0622.

पेटेंट कार्यालय शाखा,  
डब्ल्यू-5, वेस्ट पटेल नगर,  
नई दिल्ली - 110 008।

हरियाणा, हिमाचल प्रदेश, जम्मू  
तथा कश्मीर, पंजाब, राजस्थान,  
उत्तर प्रदेश, दिल्ली तथा उत्तरांचल राज्य  
क्षेत्रों एवं संघ शासित क्षेत्र चंडीगढ़।

तार पता - "पेटेंटोफिक"  
फोन - (011) 586 1255, 586 1256, 586 1257,  
586 1258  
फैक्स - (011) 586 1256

पेटेंट कार्यालय शाखा,  
गुणा कम्प्लेक्स, छठा तल, एनेक्स-II,  
443, अन्नासलाई, तेनामपेट,  
चेन्नई - 600 018।

आन्ध्र प्रदेश, कर्नाटक, केरल, तमिलनाडु  
तथा पाण्डिचेरी राज्य क्षेत्र एवं संघ  
शासित क्षेत्र, लक्षद्वीप, मिनीकाय तथा  
एमिनिदिवि द्वीप।

तार पता - "पेटेंटोफिस"  
फोन - (044) 431 4324/4325/4326.  
फैक्स - (044) 431 4750/4751.

पेटेंट कार्यालय (प्रधान कार्यालय),  
निजाम पैलेस, द्वितीय बहुतलीय कार्यालय  
भवन, 5वां, 6ठा व 7वां तल,  
234/4, आचार्य जगदीश बोस मार्ग,  
कोलकाता - 700 020।

भारत का अवशेष क्षेत्र।

तार पता - "पेटेंट्स"  
फोन - (033) 247 4401/247 4402/247 4403  
फैक्स - (033) 247 3851, (033) 240 1353.

पेटेंट अधिनियम, 1970 तथा पेटेंट (संशोधन) अधिनियम, 1999  
अथवा पेटेंट (संशोधन) नियम, 1972 द्वारा अपेक्षित सभी आवेदन,  
सूचनाएं, विवरण या अन्य दस्तावेज या कोई फीस पेटेंट कार्यालय के  
केवल समुचित कार्यालय में ही ग्रहण किए जाएंगे।

शुल्क : शुल्कों की अदायगी या तो नकद की जाएगी अथवा जहां  
उपयुक्त कार्यालय अवस्थित हैं, उस स्थान के अनुसूचित बैंक से  
नियंत्रक को भुगतान योग्य बैंक ड्राफ्ट अथवा चेक द्वारा की जा  
सकती है।

**CORRIGENDUM**

In the Gazette of India, Part III, Section 2 dated 06.10.2001 under the heading "CESSATION OF PATENTS" the Patent No. 184093 is to be deleted.

**CORRIGENDUM**

In the Gazette of India, Part-III, Section 2 dated 20-10-2001 under the heading "CLAIM UNDER SECTION 20(1) OF THE PATENTS ACT, 1970" please insert "20" after the word "Section" and Delete the words "VALUE" after the words "PRECISION" and "SERICES" after the word "PACKAGING" and insert the words "VALVE" and "SERVICES" respectively.

**CORRIGENDUM**

In the Gazette of India, Part III, Section 2 dated ~~10.11.01~~ under the heading "CE SSATION OF PATENTS" the Patent Nos. 181996 & 182845 are to be deleted and Patent No. 182996 is to be inserted.

**The Patent Office, Chennai Branch,  
National Phase Application for Patent under PCT Chapter -1**

**For the month of : MARCH-2001**

1 National Phase Appln.No	IN/PCT/2001/00282/CHE	Dated: 01.03.01
Corres. PCT App. No.	PCT/US99/16134	Dated: 16.07.99
Priority Document No.	US 09/130,288	Dated: 06.08.98
Name of Applicant	INSTITUTE OF GAS TECHNOLOGY,USA	
Title of Invention	Method and apparatus for controlled mixing of fluids	
2 Nationalphase App.No	IN/PCT/2001/00283/CHE	Dated: 01.03.01
Corres. PCT App. No.	PCT/US99/26413	Dated: 09.11.99
Priority Document No.	US 09/188,476	Dated: 09.11.98
Name of Applicant	THE ROGOSIN INSTITUTE,USA	
Title of Invention	Compositions of cells for suppressing proliferation	
3 Nationalphase App.No	IN/PCT/2001/00284/CHE	Dated: 01.03.01
Corres. PCT App. No.	PCT/FR99/02065	Dated: 30.08.99
Priority Document No.	FR 98/10996	Dated: 02.09.98
Name of Applicant	INSTITUT FRANCAIS DU PETROLE,FRANCE	
Title of Invention	Distributor mixer extractor fluids and process	
4 Nationalphase App.No	IN/PCT/2001/00285/CHE	Dated: 01.03.01.
Corres. PCT App. No.	PCT/FR99/01975	Dated: 12.08.99
Priority Document No.	FR 98/11111	Dated: 02.09.98
Name of Applicant	ALUMINIUM PECHINEY,FRANCE	
Title of Invention	Controlling particle size in bayer precipitation system	
5 Nationalphase App.No	IN/PCT/2001/00286/CHE	Dated: 01.03.01
Corres. PCT App. No.	PCT/FR99/02064	Dated: 30.08.99
Priority Document No.	FR 98/10998	Dated: 02.09.98
Name of Applicant	INSTITUT FRANCAIS DU PETROLE,FRANCE	
Title of Invention	Fluid distributing collecting system and its process.	

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|-------------------------|--|-----------------|
| 6 Nationalphase App.No  | IN/PCT/2001/00287/CHE  | Dated: 01.03.01 |
| Corres. PCT App. No.    | PCT/EP99/06463   | Dated: 02.09.99 |
| Priority Document No.   | Germany 19840253.8   | Dated: 03.09.98 |
| Name of Applicant       | BASF AKTIENGESELLSCHAFT,GERMANY                                |                 |
| Title of Invention      | Method for producing cyanovaleric acid or esters thereof.      |                 |
|                         |  |                 |
| 7 Nationalphase App.No  | IN/PCT/2001/00288/CHE  | Dated: 01.03.01 |
| Corres. PCT App. No.    | PCT/US00/18211   | Dated: 30.06.00 |
| Priority Document No.   | US 60/142,173 ETC  | Dated: 01.07.99 |
| Name of Applicant       | GERON CORPORATION & KYOWA HAKKO KOGYO CO.LTD., US & JP         |                 |
| Title of Invention      | Telomerase inhibitors and methods of their use.                |                 |
|                         |  |                 |
| 8 Nationalphase App.No  | IN/PCT/2001/00289/CHE  | Dated: 02.03.01 |
| Corres. PCT App. No.    | PCT/ZA99/00074   | Dated: 30.08.99 |
| Priority Document No.   | GB 9819398.0   | Dated: 04.09.98 |
| Name of Applicant       | WILLIAM GRAHAM,SOUTH AFRICA                                    |                 |
| Title of Invention      | Pulveriser and method of pulverising.                          |                 |
|                         |  |                 |
| 9 Nationalphase App.No  | IN/PCT/2001/00290/CHE  | Dated: 02.03.01 |
| Corres. PCT App. No.    | PCT/ES99/00235   | Dated: 23.07.99 |
| Priority Document No.   | SPAIN P 9801652  | Dated: 03.08.98 |
| Name of Applicant       | LABORATORIOS S.A.L.V.A.T.,SA, SPAIN                            |                 |
| Title of Invention      | Substituted imidazo[1,2A]azines as selective cox-2 inhibitors. |                 |
|                         |  |                 |
| 10 Nationalphase App.No | IN/PCT/2001/00291/CHE  | Dated: 02.03.01 |
| Corres. PCT App. No.    | PCT/US99/10242   | Dated: 10.05.99 |
| Priority Document No.   | USA 60/096,207   | Dated: 12.08.98 |
| Name of Applicant       | MONSANTO COMPANY, USA  |                 |
| Title of Invention      | Process for the preparation N-(Phosphonomethyl)Glycine         |                 |
|                         |  |                 |
| 11 Nationalphase App.No | IN/PCT/2001/00292/CHE  | Dated: 02.03.01 |
| Corres. PCT App. No.    | PCT/US99/18501   | Dated: 12.08.99 |
| Priority Document No.   | USA 60/096,205   | Dated: 12.08.98 |
| Name of Applicant       | MONSANTO COMPANY, USA  |                 |
| Title of Invention      | Process for preparing N-(Phosphonomethyl)Iminodiacetic Acid    |                 |

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|-------------------------|--|-----------------|
| 12 Nationalphase App.No | IN/PCT/2001/00293/CHE  | Dated: 02.03.01 |
| Corres. PCT App. No.    | PCT/EP00/05961   | Dated: 27.06.00 |
| Priority Document No.   | EUROPE 99202163.4  | Dated: 02.07.99 |
| Name of Applicant       | KONINKLIJKE PHILIPS ELECTRONICS N.V.,Germany                 |                 |
| Title of Invention      | Addition of watermark keys according to a flexible format    |                 |
|                         |  |                 |
| 13 Nationalphase App.No | IN/PCT/2001/00294/CHE  | Dated: 05.03.01 |
| Corres. PCT App. No.    | PCT/US 99/20338  | Dated: 02.09.99 |
| Priority Document No.   | USA 09/146,849   | Dated: 03.09.98 |
| Name of Applicant       | GENESYS TELECOMMUNICATIONS LABORATORIES INC.,US              |                 |
| Title of Invention      | Embedded Web Phone Module                                    |                 |
|                         |  |                 |
| 14 Nationalphase App.No | IN/PCT/2001/00295/CHE  | Dated: 05.03.01 |
| Corres. PCT App. No.    | PCT/EP99/05925   | Dated: 12.08.99 |
| Priority Document No.   | Germany 19840298.8   | Dated: 04.09.98 |
| Name of Applicant       | EJOT VERBINDUNGSTECHNIK GmbH & CO.KG,GERMANY                 |                 |
| Title of Invention      | Light Metal Thread-Forming Screw Fastener and method         |                 |
|                         |  |                 |
| 15 Nationalphase App.No | IN/PCT/2001/00296/CHE  | Dated: 05.03.01 |
| Corres. PCT App. No.    | PCT/JP00/00329   | Dated: 24.01.00 |
| Priority Document No.   | Japan 11/20743   | Dated: 28.01.99 |
| Name of Applicant       | SUMITOMO ELECTRIC INDUSTRIES LTD,JAPAN                       |                 |
| Title of Invention      | Heat-Resistant alloy wire                                    |                 |
|                         |  |                 |
| 16 Nationalphase App.No | IN/PCT/2001/00297/CHE  | Dated: 05.03.01 |
| Corres. PCT App. No.    | PCT/US99/17946   | Dated: 10.08.99 |
| Priority Document No.   | USA 60/096,464   | Dated: 11.08.98 |
| Name of Applicant       | MEDI-JECT CORPORATION,US                                     |                 |
| Title of Invention      | Needle assisted Jet Injector                                 |                 |
|                         |  |                 |
| 17 Nationalphase App.No | IN/PCT/2001/00298/CHE  | Dated: 05.03.01 |
| Corres. PCT App. No.    | PCT/US99/16534   | Dated: 21.07.99 |
| Priority Document No.   | USA 60/095,341   | Dated: 04.08.98 |
| Name of Applicant       | TACHYON, INC,US  |                 |
| Title of Invention      | Apparatus for time Synchronization in a Communication system |                 |

18 Nationalphase App.No	IN/PCT/2001/00299/CHE	Dated: 05.03.01
Corres. PCT App. No.	PCT/US99/20342	Dated: 02.09.99
Priority Document No.	USA 09/150,407	Dated: 09.09.98
Name of Applicant	QUALCOMM Incorporated,US	
Title of Invention	High Resolution Position Location	
19 Nationalphase App.No	IN/PCT/2001/00300/CHE	Dated: 05.03.01
Corres. PCT App. No.	PCT/JP99/04173	Dated: 02.08.99
Priority Document No.	JAPAN 10/221810	Dated: 05.08.98
Name of Applicant	SANYO ELECTRIC CO LTD.,JAPAN	
Title of Invention	Radio Apparatus and Calibration Method therefor	
20 Nationalphase App.No	IN/PCT/2001/00301/CHE	Dated: 05.03.01
Corres. PCT App. No.	PCT/EP00/06169	Dated: 30.06.00
Priority Document No.	EUROPE 99401684.8	Dated: 06.07.99
Name of Applicant	KONINKLIJKE PHILIPS ELECTRONICS N.V.,GERMANY	
Title of Invention	Automatic extraction method of the structure of video sequence	
21 Nationalphase App.No	IN/PCT/2001/00302/CHE	Dated: 05.03.01
Corres. PCT App. No.	PCT/EP00/06333	Dated: 04.07.00
Priority Document No.	EUROPE 99401684.8	Dated: 06.07.99
Name of Applicant	KONINKLIJKE PHILIPS ELECTRONICS N.V.,GERMANY	
Title of Invention	Automatic extraction method of the structure of video sequence	
22 Nationalphase App.No	IN/PCT/2001/00303/CHE	Dated: 07.03.01
Corres. PCT App. No.	PCT/US99/20280	Dated: 03.09.99
Priority Document No.	USA 09/150,074	Dated: 09.09.98
Name of Applicant	QUALCOMM Incorporated,US	
Title of Invention	Receiver for Performing Position Location with Efficient Rotator	
23 Nationalphase App.No	IN/PCT/2001/00304/CHE	Dated: 07.03.01
Corres. PCT App. No.	PCT/EP99/05166	Dated: 20.07.99
Priority Document No.	GERMANY 19836404.0	Dated: 12.08.98
Name of Applicant	BASF AKTIENGESELLSCHAFT,GERMANY	
Title of Invention	Preparation of N-substituted Azabicycloheptane Derivatives	

24 Nationalphase App.No	IN/PCT/2001/00305/CHE	Dated: 07.03.01
Corres. PCT App. No.	PCT/NL99/00519	Dated: 16.08.99
Priority Document No.	THE NETHERLANDS 1009878	Dated: 17.08.98
Name of Applicant	AKZO NOBEL N.V.,NETHERLANDS	
Title of Invention	Apparatus for dispensing Pills,Dispenser and Pill-pack for use therein	
25 Nationalphase App.No	IN/PCT/2001/00306/CHE	Dated: 07.03.01
Corres. PCT App. No.	PCT/FR99/02085	Dated: 02.09.99
Priority Document No.	FRANCE 98/11278	Dated: 07.09.98
Name of Applicant	VALLOUREC MANNESMANN OIL & GAS FRANCE,FRANCE	
Title of Invention	Connection for two Metal Pipes comprising a groove in Threads	
26 Nationalphase App.No	IN/PCT/2001/00307/CHE	Dated: 07.03.01
Corres. PCT App. No.	PCT/FR99/02084	Dated: 02.09.99
Priority Document No.	FRANCE 98/112 78 ETC	Dated: 07.09.98
Name of Applicant	VALLOUREC MANESMANN OIL 7 GAS FRANCE FRANCE	
Title of Invention	Connection for two metal pipes comprising a groove torque	
27 Nationalphase App.No	IN/PCT/2001/00308/CHE	Dated: 07.03.01
Corres. PCT App. No.	PCT/EP99/04905	Dated: 13.07.99
Priority Document No.	GB 9819564.7	Dated: 08.09.98
Name of Applicant	SOCIETE DES PRODUITS NESTLE SA	
Title of Invention	Wafers	
28 Nationalphase App.No	IN/PCT/2001/00309/CHE	Dated: 07.03.01
Corres. PCT App. No.	PCT/JP00/03714	Dated: 08.06.00
Priority Document No.	JAPAN 11-161727	Dated: 08.06.99
Name of Applicant	HONDA GIKEN KOGYO JABUSHIKI	
Title of Invention	Front wheel steering apparatus for wheeler	
29 Nationalphase App.No	IN/PCT/2001/00310/CHE	Dated: 07.03.01
Corres. PCT App. No.	PCT/EP99/06423	Dated: 31.08.99
Priority Document No.	GB 9819530.8	Dated: 09.09.98
Name of Applicant	SMITHKLINE BEECHAM PLC	
Title of Invention	Novel composition and use	



30 Nationalphase App.No	IN/PCT/2001/00311/CHE	Dated: 08.03.01
Corres. PCT App. No.	PCT/DK99/00433	Dated: 13.08.99
Priority Document No.	DK PA 1998 01030 ETC	Dated: 13.08.98
Name of Applicant	NEG MICON A/S	
Title of Invention	A method and a device for adjusting the turbine	
31 Nationalphase App.No	IN/PCT/2001/00312/CHE	Dated: 08.03.01
Corres. PCT App. No.	PCT/GB99/02586	Dated: 05.08.99
Priority Document No.	GB 9818110.0	Dated: 19.08.98
Name of Applicant	WESTON MEDICAL LIMITED	
Title of Invention	Needleless injectors.	
32 Nationalphase App.No	IN/PCT/2001/00313/CHE	Dated: 08.03.01
Corres. PCT App. No.	PCT/EP99/06450	Dated: 02.09.99
Priority Document No.	GERMANY 19841534.6	Dated: 10.09.98
Name of Applicant	AVENTIS PHARMA DEUTSCHLAND	
Title of Invention	Use of benzenesulfonyl[thio]ureas	
33 Nationalphase App.No	IN/PCT/2001/00314/CHE	Dated: 08.03.01
Corres. PCT App. No.	PCT/DE00/02168	Dated: 06.07.00
Priority Document No.	GERMANY 10032048.1	Dated: 05.07.00
Name of Applicant	ROBERT BOSCH GMBH	
Title of Invention	Wiber blade panes, in particular of motor vehicles, and method.	
34 Nationalphase App.No	IN/PCT/2001/00315/CHE	Dated: 08.03.01
Corres. PCT App. No.	PCT/US99/20341	Dated: 02.09.99
Priority Document No.	US 09/149,428	Dated: 08.09.98
Name of Applicant	Qualcomm Incorporated	
Title of Invention	Increasing sensitivity of global positioning satellite receiver	
35 Nationalphase App.No	IN/PCT/2001/00316/CHE	Dated: 08.03.01
Corres. PCT App. No.	PCT/US99/20343	Dated: 02.09.99
Priority Document No.	US 09/150,075	Dated: 09.09.98
Name of Applicant	Qualcomm Inc, US	
Title of Invention	Call maintenance during position location	

36 Nationalphase App.No	IN/PCT/2001/00317/CHE	Dated: 08.03.01
Corres. PCT App. No.	PCT/US99/20371	Dated: 03.09.99
Priority Document No.	US 09/150,093	Dated: 09.09.98
Name of Applicant	Qualcomm Inc	
Title of Invention	Position location with low tolerance oscillator	
37 Nationalphase App.No	IN/PCT/2001/00318/CHE	Dated: 08.03.01
Corres. PCT App. No.	PCT/US99/20372	Dated: 03.09.99
Priority Document No.	US 09/150,410	Dated: 09.09.98
Name of Applicant	Qualcomm Inc	
Title of Invention	Data boundary aware base station assisted position location Method	
38 Nationalphase App.No	IN/PCT/2001/00319/CHE	Dated: 08.03.01
Corres. PCT App. No.	PCT/US99/20285	Dated: 03.09.99
Priority Document No.	S 09/150,409	Dated: 09.09.98
Name of Applicant	Qualcomm Inc	
Title of Invention	Position location in memory limited environment	
39 Nationalphase App.No	IN/PCT/2001/00320/CHE	Dated: 08.03.01
Corres. PCT App. No.	PCT/US99/20281	Dated: 03.09.99
Priority Document No.	US 09/150,092	Dated: 09.09.98
Name of Applicant	Qualcomm Inc	
Title of Invention	Simplified received with rotator for performing position Location	
40 Nationalphase App.No	IN/PCT/2001/00321/CHE	Dated: 09.03.01
Corres. PCT App. No.	PCT/CH99/00363	Dated: 05.08.99
Priority Document No.	SWISS 1842/98	Dated: 09.09.98
Name of Applicant	Staubli Ag Pfaffikon	
Title of Invention	Device for transporting weaving harness wires (LA)	
41 Nationalphase App.No	IN/PCT/2001/00322/CHE	Dated: 09.03.01
Corres. PCT App. No.	PCT/AU99/0716	Dated: 01.09.99
Priority Document No.	AU PP 5835	Dated: 11.09.98
Name of Applicant	LOCKWOOD AUSTRALIS PTY. LTD.,	
Title of Invention	Key duplicating method and apparatus	

42 Nationalphase App.No	IN/PCT/2001/00323/CHE	Dated: 09.03.01
Corres. PCT App. No.	PCT/US99/1841999	Dated: 12.08.99
Priority Document No.	US 09/133,158	Dated: 12.08.98
Name of Applicant	SWAGELOK COMPANY	
Title of Invention	Selective case hardening processes at low temperature	
43 Nationalphase App.No	IN/PCT/2001/00324/CHE	Dated: 09.03.01
Corres. PCT App. No.	PCT/US99/20237	Dated: 03.09.99
Priority Document No.	US 09/150,251	Dated: 10.09.98
Name of Applicant	PEGASUS TECHNOLOGIES LTD	
Title of Invention	Systems and processing algorithms for ultrasound time-of-flight	
44 Nationalphase App.No	IN/PCT/2001/00325/CHE	Dated: 09.03.01
Corres. PCT App. No.	PCT/EP99/06623	Dated: 08.09.99
Priority Document No.	GB 9819898.9	Dated: 11.09.98
Name of Applicant	SMITHKLINE BEECHAM BIOLOGICAL	
Title of Invention	Vaccine against sexually transmitted diseases	
45 Nationalphase App.No	IN/PCT/2001/00326/CHE	Dated: 09.03.01
Corres. PCT App. No.	PCT/JP99/04986	Dated: 13.09.99
Priority Document No.	JAPAN 10-257804	Dated: 11.09.98
Name of Applicant	AJINIMOTO CO., INC	
Title of Invention	Benzene derivatives and pharmaceuticals use thereof	
46 Nationalphase App.No	IN/PCT/2001/00327/CHE	Dated: 09.03.01
Corres. PCT App. No.	PCT/US99/20259	Dated: 02.09.99
Priority Document No.	US09/151,710	Dated: 11.09.98
Name of Applicant	Genesys Telecommunications	
Title of Invention	Method and apparatus for selectively presenting media options	
47 Nationalphase App.No	IN/PCT/2001/00328/CHE	Dated: 09.03.01
Corres. PCT App. No.	PCT/US99/20387	Dated: 02.09.99
Priority Document No.	EUROPE 98810860.1	Dated: 11.09.98
Name of Applicant	Genesys Telecommunications	
Title of Invention	Rules based multimedia customers system	

48 Nationalphase App.No	IN/PCT/2001/00329/CHE	Dated: 09.03.01
Corres. PCT App. No.	PCT/EP99/06695	Dated: 07.09.99
Priority Document No.	EP 98307277.8	Dated: 09.09.98
Name of Applicant	Shell Internationale ....	
Title of Invention	Method of determining drill string stiffness.	
49 Nationalphase App.No	IN/PCT/2001/00330/CHE	Dated: 09.03.01
Corres. PCT App. No.	PCT/EP99/06714	Dated: 10.09.99
Priority Document No.	EP 98117256.2	Dated: 11.09.98
Name of Applicant	GESELLSCHAFT FUR SCHWERIONEN	
Title of Invention	Ion beam therapy system and a method for operating the System	
50 Nationalphase App.No	IN/PCT/2001/00331/CHE	Dated: 09.03.01
Corres. PCT App. No.	PCT/EP99/05686	Dated: 06.08.99
Priority Document No.	ITALY MI98 A001996	Dated: 11.09.98
Name of Applicant	Bracco Imagine SPA	
Title of Invention	A process for the preparation of Benzenedicarboxamide derivative	
51 Nationalphase App.No	IN/PCT/2001/00332/CHE	Dated: 09.03.01
Corres. PCT App. No.	PCT/NL99/00553	Dated: 07.09.99
Priority Document No.	NETHERLAND 1010063	Dated: 10.09.98
Name of Applicant	Holland sweetner co., V.O.F.	
Title of Invention	Process for the preparation of neotame	
52 Nationalphase App.No	IN/PCT/2001/00333/CHE	Dated: 09.03.01
Corres. PCT App. No.	PCT/SE99/01573	Dated: 09.09.99
Priority Document No.	SWEDEN 9803068.7	Dated: 10.09.98
Name of Applicant	Net insight AB	
Title of Invention	Methods for changing the band width of a circuit switched Channel	
53 Nationalphase App.No	IN/PCT/2001/00334/CHE	Dated: 09.03.01
Corres. PCT App. No.	PCT/SE99/01553	Dated: 07.09.99
Priority Document No.	SWEDEN 9803065.3	Dated: 10.09.98
Name of Applicant	Elekta AB	
Title of Invention	A Gamma ray collimator buildup	

54 Nationalphase App.No	IN/PCT/2001/00335/CHE	Dated: 12.03.01
Corres. PCT App. No.	PCT/EP99/05164	Dated: 20.07.99
Priority Document No.	GERMAN 19836406.7	Dated: 12.08.98
Name of Applicant	Basf Aktiwngesellschaft	
Title of Invention	N-substituted azabicycloheptane derivatives	
55 Nationalphase App.No	IN/PCT/2001/00336/CHE	Dated: 12.03.01
Corres. PCT App. No.	PCT/EP99/05163	Dated: 20.07.99
Priority Document No.	GERMAN 19836621.3	Dated: 13.08.98
Name of Applicant	Basf Aktiwngesellschaft	
Title of Invention	Impact modified thermoplastic molding compositions	
56 Nationalphase App.No	IN/PCT/2001/00337/CHE	Dated: 12.03.01
Corres. PCT App. No.	PCT/EP99.05729	Dated: 07.08.99
Priority Document No.	US 09/134,620	Dated: 14.08.98
Name of Applicant	Basf Corporation	
Title of Invention	Process for preparing 3,5-difluoroaniline	
57 Nationalphase App.No	IN/PCT/2001/00338/CHE	Dated: 12.03.01
Corres. PCT App. No.	PCT/CH99/00388	Dated: 24.08.99
Priority Document No.	SWISS 1864/98	Dated: 14.09.98
Name of Applicant	Staubli Ag Pfaffikon	
Title of Invention	Heald or dropper feed	
58 Nationalphase App.No	IN/PCT/2001/00339/CHE	Dated: 12.03.01
Corres. PCT App. No.	PCT/EP99/06761	Dated: 13.09.99
Priority Document No.	SWISS 1873/98	Dated: 15.09.98
Name of Applicant	Syngenta Participation Ag	
Title of Invention	Pyridine ketones useful as herbicides.	
59 Nationalphase App.No	IN/PCT/2001/00340/CHE	Dated: 12.03.01
Corres. PCT App. No.	PCT/EP99/05944	Dated: 13.08.99
Priority Document No.	GERMANY 19836843.7	Dated: 14.08.98
Name of Applicant	SMS SCHLOEMANN SIEMAG AG	
Title of Invention	Device for hydrylally adjusting the rollers	

60 Nationalphase App.No	IN/PCT/2001/00341/CHE	Dated: 12.03.01
Corres. PCT App. No.	PCT/US99/21109	Dated: 13.09.99
Priority Document No.	US 60/100.163	Dated: 14.09.98
Name of Applicant	INHALE THERAPEUTIC SYSTEMS INC	
Title of Invention	Dry powder active agent pulmonary delivery	
61 Nationalphase App.No	IN/PCT/2001/00342/CHE	Dated: 12.03.01
Corres. PCT App. No.	PCT/JP00/04673	Dated: 12.07.99
Priority Document No.	GB 9916684.5	Dated: 15.07.99
Name of Applicant	Mitsubishi denki kabushiki kaisha	
Title of Invention	Method,apparatus for computer program.	
62 Nationalphase App.No	IN/PCT/2001/00343/CHE	Dated: 12.03.01
Corres. PCT App. No.	PCT/EP00/06372	Dated: 13.07.99
Priority Document No.	EP 99202286.3	Dated: 13.07.99
Name of Applicant	Koninklijke philips Nv	
Title of Invention	Device for scanning an information carrier, method of manufacturing.	
63 Nationalphase App.No	IN/PCT/2001/00344/CHE	Dated: 13.03.01
Corres. PCT App. No.	PCT/EP99/06766	Dated: 13.09.99
Priority Document No.	US 09/153,278	Dated: 15.09.98
Name of Applicant	Syngenta participations Ag	
Title of Invention	Uracil permease form arabidopisis as gene.	
64 Nationalphase App.No	IN/PCT/2001/00345/CHE	Dated: 13.03.01
Corres. PCT App. No.	PCT/IL99/00445	Dated: 24.08.98
Priority Document No.	ISREAL 125899	Dated: 24.08.98
Name of Applicant	Plasson Limited	
Title of Invention	Pipe coupling.	
65 Nationalphase App.No	IN/PCT/2001/00346/CHE	Dated: 13.03.01
Corres. PCT App. No.	PCT/FI99/00760	Dated: 16.09.99
Priority Document No.	FINLAND FI98 2000	Dated: 16.09.98
Name of Applicant	Nokia Mobile Phones Ltd	
Title of Invention	Improved method and arrangement for changing cells	

66 Nationalphase App.No	IN/PCT/2001/00347/CHE	Dated: 13.03.01
Corres. PCT App. No.	PCT/JP99/04977	Dated: 10.09.99
Priority Document No.	JP 10-264252	Dated: 18.09.98
Name of Applicant	Ajinomoto Co,Inc	
Title of Invention	N-Alkylaspartyl dipeptide ester derivatives	
67 Nationalphase App.No	IN/PCT/2001/00348/CHE	Dated: 13.03.01
Corres. PCT App. No.	PCT/EP99/06449	Dated: 02.09.99
Priority Document No.	EP 98117506.0	Dated: 15.09.98
Name of Applicant	Aventis Pharma Deutschland	
Title of Invention	Factor VII inhibitors	
68 Nationalphase App.No	IN/PCT/2001/00349/CHE	Dated: 13.03.01
Corres. PCT App. No.	PCT/GB99/02881	Dated: 01.09.99
Priority Document No.	GB 9819962.3	Dated: 15.09.98
Name of Applicant	Weston Medical Limited	
Title of Invention	Needleless injector cartridge	
69 Nationalphase App.No	IN/PCT/2001/00350/CHE	Dated: 13.03.01
Corres. PCT App. No.	PCT/SE99/01636	Dated: 17.09.99
Priority Document No.	SWEDEN 9803171.9	Dated: 18.09.98
Name of Applicant	Hoganas Ab	
Title of Invention	Warm compaction of steel powders.	
70 Nationalphase App.No	IN/PCT/2001/00351/CHE	Dated: 14.03.01
Corres. PCT App. No.	PCT/EP99/06781	Dated: 14.09.99
Priority Document No.	GB 98 20002.5	Dated: 14.09.98
Name of Applicant	Smithkline Beecham Biologicals	
Title of Invention	Moraxella catarrhalis basbo 34 polypeptides and uses t+B420hereof	
71 Nationalphase App.No	IN/PCT/2001/00352/CHE	Dated: 14.03.01
Corres. PCT App. No.	PCT/DK99/00484	Dated: 14.09.99
Priority Document No.	DK PA 1998 01163	Dated: 15.09.98
Name of Applicant	H.Lundbeck A/S	
Title of Invention	Treatment of depression.	

72 Nationalphase App.No	IN/PCT/2001/00353/CHE	Dated: 14.03.01
Corres. PCT App. No.	PCT/EP99/06589	Dated: 11.07.00
Priority Document No.	EP 99202333.3	Dated: 15.07.99
Name of Applicant	Koninklijke Philips Electronics NV	
Title of Invention	Methods and devices for recording marks in an information layer.	
73 Nationalphase App.No	IN/PCT/2001/00354/CHE	Dated: 14.03.01
Corres. PCT App. No.	PCT/EP00/06620	Dated: 12.07.00
Priority Document No.	EP 99202344.0	Dated: 16.07.99
Name of Applicant	Koninklijke Philips Electronics NV	
Title of Invention	Recording medium with write protected defect list.	
74 Nationalphase App.No	IN/PCT/2001/00355/CHE	Dated: 15.03.01
Corres. PCT App. No.	PCT/US99/14891	Dated: 30.06.99
Priority Document No.	US 09/137,056	Dated: 20.08.98
Name of Applicant	Agrofresh Inc	
Title of Invention	Application of compounds for inhibiting the ethylene response in plants	
75 Nationalphase App.No	IN/PCT/2001/00356/CHE	Dated: 15.03.01
Corres. PCT App. No.	PCT/US99/18543	Dated: 13.08.99
Priority Document No.	GB 9817930.2	Dated: 18.08.98
Name of Applicant	Basf Aktiengesellschaft	
Title of Invention	TPL-2/Cot kinase and methods of use.	
76 Nationalphase App.No	IN/PCT/2001/00357/CHE	Dated: 15.03.01
Corres. PCT App. No.	PCT/GB99/03778	Dated: 12.11.99
Priority Document No.	GB 9825272.9	Dated: 18.11.98
Name of Applicant	Pilkington Plc	
Title of Invention	Glass composition	
77 Nationalphase App.No	IN/PCT/2001/00358/CHE	Dated: 15.03.01
Corres. PCT App. No.	PCT/EP99/06937	Dated: 20.09.99
Priority Document No.	GERMAN 19842894.4	Dated: 18.09.98
Name of Applicant	Aventis Cropscience GmbH	
Title of Invention	Synergistic active compound combinations of plants	



78 Nationalphase App.No	IN/PCT/2001/00359/CHE	Dated: 15.03.01
Corres. PCT App. No.	PCT/BG99/02607	Dated: 19.08.99
Priority Document No.	GB9818133.2	Dated: 19.08.98
Name of Applicant	Immunobiology Limited	
Title of Invention	Vaccine comprising cytokine induced heat shock proteins (HSP)	
79 Nationalphase App.No	IN/PCT/2001/00360/CHE	Dated: 15.03.01
Corres. PCT App. No.	PCT/JP99/05015	Dated: 14.09.99
Priority Document No.	JP Hei 10-251277 etc	Dated: 16.09.98
Name of Applicant	Japah Polychem Corporation	
Title of Invention	Continuous production method of propylene based block copolymer	
80 Nationalphase App.No	IN/PCT/2001/00361/CHE	Dated: 15.03.01
Corres. PCT App. No.	PCT/US01/01030	Dated: 10.01.01
Priority Document No.	US 60/175,581 ETC	Dated: 11.01.00
Name of Applicant	Geron corporation	
Title of Invention	Techniques for growth and differentiated of cells	
81 Nationalphase App.No	IN/PCT/2001/00362/CHE	Dated: 15.03.01
Corres. PCT App. No.	PCT/US99/19599	Dated: 26.08.99
Priority Document No.	US 09/156,715	Dated: 18.09.98
Name of Applicant	Telcordia Telecommunications	
Title of Invention	Method and system for detecting loss of signal in wavelength division	
82 Nationalphase App.No	IN/PCT/2001/00363/CHE	Dated: 15.03.01
Corres. PCT App. No.	PCT/EP00/05349	Dated: 08.06.00
Priority Document No.	EP 99201969.5	Dated: 18.06.99
Name of Applicant	Basell Technology Co., BV	
Title of Invention	Catalyst components for the polymerization of olefins	
83 Nationalphase App.No	IN/PCT/2001/00364/CHE	Dated: 16.03.01
Corres. PCT App. No.	PCT/US99/21536	Dated: 17.09.99
Priority Document No.	US 60/100,954	Dated: 18.09.98
Name of Applicant	Basf aktiengesellschaft	
Title of Invention	4-aminopyrrolopyrimidines as Kinase inhibitors	

84 Nationalphase App.No	IN/PCT/2001/00365/CHE	Dated: 16.03.01
Corres. PCT App. No.	PCT/US99/21193	Dated: 15.09.99
Priority Document No.	US 09/154,452	Dated: 16.09.98
Name of Applicant	Cabot Corporation	
Title of Invention	Methods to partially reduce a niobium metal oxide	
85 Nationalphase App.No	IN/PCT/2001/00366/CHE	Dated: 16.03.01
Corres. PCT App. No.	PCT/US99/21413	Dated: 16.09.99
Priority Document No.	US 60/100,629	Dated: 16.09.98
Name of Applicant	Cabot Corporation	
Title of Invention	Methods to partially reduce certain metal oxides	
86 Nationalphase App.No	IN/PCT/2001/00367/CHE	Dated: 16.03.01
Corres. PCT App. No.	PCT/GB99/02863	Dated: 01.09.99
Priority Document No.	EP 98307594.6	Dated: 18.09.98
Name of Applicant	Philip Morris Products Inc	
Title of Invention	Cigarette manufacturing machine and control system t+B677herefor	
87 Nationalphase App.No	IN/PCT/2001/00368/CHE	Dated: 16.03.01
Corres. PCT App. No.	PCT/EP99.06822	Dated: 15.09.99
Priority Document No.	GERMAN 19842899.5	Dated: 18.09.98
Name of Applicant	Rohm Gmbh	
Title of Invention	Mold apparatus for information carrying disk blanks	
88 Nationalphase App.No	IN/PCT/2001/00369/CHE	Dated: 16.03.01
Corres. PCT App. No.	PCT/US99/21330	Dated: 16.09.99
Priority Document No.	USA 09/156,420	Dated: 18.09.98
Name of Applicant	American energy Group Inc	
Title of Invention	Fuel additive composition and method for the treatment.	
89 Nationalphase App.No	IN/PCT/2001/00370/CHE	Dated: 16.03.01
Corres. PCT App. No.	PCT/US99/21569	Dated: 16.09.99
Priority Document No.	US 60/100,699	Dated: 17.09.98
Name of Applicant	The dow chemical co	
Title of Invention	Acoustical open cell polyolefins and process	

90 Nationalphase App.No	IN/PCT/2001/00371/CHE	Dated: 16.03.01
Corres. PCT App. No.	PCT/EP99/07768	Dated: 11.10.99
Priority Document No.	EP 98203460.5	Dated: 16.10.98
Name of Applicant	Akzo Nobel Nv	
Title of Invention	High purity composition comprising pregenone derivative	
91 Nationalphase App.No	IN/PCT/2001/00372/CHE	Dated: 16.03.01
Corres. PCT App. No.	PCT/US99/21334	Dated: 16.09.99
Priority Document No.	US 09/156,420	Dated: 18.09.98
Name of Applicant	American Energy Group Inc	
Title of Invention	Diesel fuel additive composition fuels	
92 Nationalphase App.No	IN/PCT/2001/00373/CHE	Dated: 16.03.01
Corres. PCT App. No.	PCT/GB99/03116	Dated: 17.09.99
Priority Document No.	GB9820214.6	Dated: 17.09.98
Name of Applicant	Raychem limited	
Title of Invention	Electrical wire insulation.	
93 Nationalphase App.No	IN/PCT/2001/00374/CHE	Dated: 16.03.01
Corres. PCT App. No.	PCT/IL99/00500	Dated: 14.09.99
Priority Document No.	US 60/100,632	Dated: 16.09.98
Name of Applicant	Jolt Limited	
Title of Invention	Wireless optical communications without electronics.	
94 Nationalphase App.No	IN/PCT/2001/00375/CHE	Dated: 16.03.01
Corres. PCT App. No.	PCT/DE99/02970	Dated: 14.09.99
Priority Document No.	GERMAN 19844305.6	Dated: 17.09.98
Name of Applicant	SMS Demag Ag	
Title of Invention	Combined regulating system for producing particular product	
95 Nationalphase App.No	IN/PCT/2001/00376/CHE	Dated: 16.03.01
Corres. PCT App. No.	PCT/US99/21560	Dated: 17.09.99
Priority Document No.	US 60/100,834	Dated: 18.09.98
Name of Applicant	Basf Aktiengesellschaft	
Title of Invention	Pyrrolopyrimidines as protein kinase inhibitors.	

96 Nationalphase App.No	IN/PCT/2001/00377/CHE	Dated: 16.03.01
Corres. PCT App. No.	PCT/US99/11754	Dated: 27.05.99
Priority Document No.	US 60/100,699	Dated: 17.09.98
Name of Applicant	The dow chemical co	
Title of Invention	Perforated foams	
97 Nationalphase App.No	IN/PCT/2001/00378/CHE	Dated: 16.03.01
Corres. PCT App. No.	PCT/EP99/07003	Dated: 15.09.99
Priority Document No.	GB 9820405.0	Dated: 18.09.98
Name of Applicant	Smithkline Beecham Plc	
Title of Invention	Process for the production of a naphthyridine carboxylic acid derivative	
98 Nationalphase App.No	IN/PCT/2001/00379/CHE	Dated: 19.03.01
Corres. PCT App. No.	PCT/EP99/05958	Dated: 13.08.99
Priority Document No.	GERMAN 19837745.2	Dated: 20.08.98
Name of Applicant	Basf Aktiengesellschaft	
Title of Invention	Enzyme catalysed resolution of primary amine recemate	
99 Nationalphase App.No	IN/PCT/2001/00380/CHE	Dated: 19.03.01
Corres. PCT App. No.	PCT/EP99/05977	Dated: 14.08.99
Priority Document No.	GERMAN 19837776.2	Dated: 20.08.98
Name of Applicant	ZF Friedrichshafen Ag	
Title of Invention	Transmission with non coaxial output	
100 Nationalphase App.No	IN/PCT/2001/00381/CHE	Dated: 19.03.01
Corres. PCT App. No.	PCT/EP99/06588	Dated: 11.07.00
Priority Document No.	EP 99202383.8	Dated: 20.07.99
Name of Applicant	Koninklijke Philips Electronics Nv	
Title of Invention	Record carrier carrying a stereo signal and a data signal	
101 Nationalphase App.No	IN/PCT/2001/00382/CHE	Dated: 20.03.01
Corres. PCT App. No.	PCT/GB99/03140	Dated: 21.09.99
Priority Document No.	GB9820558.6	Dated: 21.09.98
Name of Applicant	Viacode Limited	
Title of Invention	A secure date transfer system	

102	Nationalphase App.No	IN/PCT/2001/00383/CHE	Dated: 20.03.01
	Corres. PCT App. No.	PCT/DE99/02642	Dated: 19.08.99
	Priority Document No.	GERMAN 19837932.3	Dated: 20.08.98
	Name of Applicant	Bioshape Ag	
	Title of Invention	Method and device for determining tissue.	
103	Nationalphase App.No	IN/PCT/2001/00384/CHE	Dated: 20.03.01
	Corres. PCT App. No.	PCT/DE99/02976	Dated: 14.09.99
	Priority Document No.	GERMAN 19842556.2	Dated: 17.09.98
	Name of Applicant	Alceru Schwarza Gmbh	
	Title of Invention	Process for producing formed cellulosic articles.	
104	Nationalphase App.No	IN/PCT/2001/00385/CHE	Dated: 20.03.01
	Corres. PCT App. No.	PCT/DE99/02977	Dated: 14.09.99
	Priority Document No.	GERMAN 19842557.0	Dated: 17.09.98
	Name of Applicant	Alceru Schwarza Gmh	
	Title of Invention	Process for producing formed cellulosic articles	
105	Nationalphase App.No	IN/PCT/2001/00386/CHE	Dated: 20.03.01
	Corres. PCT App. No.	PCT/EP99/06999	Dated: 20.09.99
	Priority Document No.	EP 98 117831.2	Dated: 21.09.98
	Name of Applicant	Shell International research	
	Title of Invention	Through drill string conveyed logging system	
106	Nationalphase App.No	IN/PCT/2001/00387/CHE	Dated: 20.03.01
	Corres. PCT App. No.	PCT/US99/21435	Dated: 17.09.99
	Priority Document No.	USA 09/157.906	Dated: 21.09.98
	Name of Applicant	Qualcomm Incorporated	
	Title of Invention	Method and apparatus for checking quality of service of cellular phone	
107	Nationalphase App.No	IN/PCT/2001/00388/CHE	Dated: 20.03.01
	Corres. PCT App. No.	PCT/EP99/06941	Dated: 20.09.99
	Priority Document No.	GERMAN 19843654.8	Dated: 23.09.98
	Name of Applicant	Basf Aktiengesellschaft	
	Title of Invention	Preparation of ethylene oxide by direct oxidation of ethylene	

108	Nationalphase App.No	IN/PCT/2001/00389/CHE	Dated: 20.03.01
	Corres. PCT App. No.	PCT/JP99/04538	Dated: 23.08.99
	Priority Document No.	AU PP 5499	Dated: 26.08.98
	Name of Applicant	Fujisawa Pharmaceutical co., Ltd.,	
	Title of Invention	Aminoalcohol derivatives and their use.	
109	Nationalphase App.No	IN/PCT/2001/00390/CHE	Dated: 20.03.01
	Corres. PCT App. No.	PCT/NZ99/00161	Dated: 24.09.99
	Priority Document No.	NZ 332084 ETC	Dated: 25.09.98
	Name of Applicant	Glycox Corporation Ltd.,	
	Title of Invention	Fructosamine oxidase, antagonists and inhibitors	
110	Nationalphase App.No	IN/PCT/2001/00391/CHE	Dated: 21.03.01
	Corres. PCT App. No.	PCT/EP99/07085	Dated: 23.09.99
	Priority Document No.	GERMANY 19843858.3	Dated: 25.09.98
	Name of Applicant	Ticona GMBH	
	Title of Invention	Process for preparing a polymer	
111	Nationalphase App.No	IN/PCT/2001/00392/CHE	Dated: 21.03.01
	Corres. PCT App. No.	PCT/NZ99/00160	Dated: 24.09.99
	Priority Document No.	NZ 332085	Dated: 25.09.98
	Name of Applicant	Glycox Corporation Ltd.,	
	Title of Invention	Fructosamine oxidase assay; methods and materials	
112	Nationalphase App.No	IN/PCT/2001/00393/CHE	Dated: 21.03.01
	Corres. PCT App. No.	PCT/US99/21500	Dated: 17.09.99
	Priority Document No.	US 09/101,306 ETC	Dated: 22.09.98
	Name of Applicant	Kimberly clark would wide Inc	
	Title of Invention	Making a laminate of unaged film and an unaged nonwoven web	
113	Nationalphase App.No	IN/PCT/2001/00394/CHE	Dated: 21.03.01
	Corres. PCT App. No.	PCT/US99/21891	Dated: 22.09.99
	Priority Document No.	US 60/101,430	Dated: 22.09.98
	Name of Applicant	Cybex Computer Products Corporation	
	Title of Invention	System and method for operating personnal computers Remotely	

114	Nationalphase App.No	IN/PCT/2001/00395/CHE	Dated: 21.03.01
	Corres. PCT App. No.	PCT/EP99/06061	Dated: 19.08.99
	Priority Document No.	GERMAN 19838780.6	Dated: 26.08.98
	Name of Applicant	sms Schloemann siemag Ag	
	Title of Invention	Horizontal Strip accumulator	
115	Nationalphase App.No	IN/PCT/2001/00396/CHE	Dated: 21.03.01
	Corres. PCT App. No.	PCT/EP99/07086	Dated: 23.09.99
	Priority Document No.	GERMAN 19844167.3	Dated: 25.09.98
	Name of Applicant	Ticona Gmbh	
	Title of Invention	activated carbon filter	
116	Nationalphase App.No	IN/PCT/2001/00397/CHE	Dated: 21.03.01
	Corres. PCT App. No.	PCT/US99/18759	Dated: 18.08.99
	Priority Document No.	US 09/158,931	Dated: 22.09.99
	Name of Applicant	Saint Gobain Norpro Corporation	
	Title of Invention	Shaped packing equipment	
117	Nationalphase App.No	IN/PCT/2001/00398/CHE	Dated: 21.03.01
	Corres. PCT App. No.	PCT/EP99/06728	Dated: 10.09.99
	Priority Document No.	EP 98203176.7	Dated: 21.09.98
	Name of Applicant	Akzo Nobel N.V.	
	Title of Invention	Continuous dosing of very fast initiators during polymerization reactions	
118	Nationalphase App.No	IN/PCT/2001 00399/CHE	Dated: 21.03.01
	Corres. PCT App. No.	PCT/EP99/06829	Dated: 15.09.99
	Priority Document No.	GERMAN 19844225.4	Dated: 26.09.98
	Name of Applicant	Aventis Pharma Deutschland	
	Title of Invention	Process for the preparation of $\alpha,\alpha$ -dimethylphenylacetic acid	
119	Nationalphase App.No	IN/PCT/2001 00400/CHE	Dated: 21.03.01
	Corres. PCT App. No.	PCT/EP00/06816	Dated: 17.07.00
	Priority Document No.	EP 99202418.2	Dated: 22.07.99
	Name of Applicant	Koninklijke Philips ele., NV	
	Title of Invention	Method for manufacturing a magnetic tunnel junction device	

120 Nationalphase App.No	IN/PCT/2001/00401/CHE	Dated: 21.03.01
Corres. PCT App. No.	PCT/EP00/06624	Dated: 12.07.00
Priority Document No.	EP 99202394.5	Dated: 21.07.99
Name of Applicant	Koninklijke Philips ele., NV	
Title of Invention	communication system	
121 Nationalphase App.No	IN/PCT/2001/00402/CHE	Dated: 22.03.01
Corres. PCT App. No.	PCT/US99/22053	Dated: 22.09.99
Priority Document No.	US 09/159,809	Dated: 23.09.98
Name of Applicant	Agritec, Inc	
Title of Invention	Highly activated carbon	
122 Nationalphase App.No	IN/PCT/2001/00403/CHE	Dated: 22.03.01
Corres. PCT App. No.	PCT/US99/22178	Dated: 24.09.98
Priority Document No.	US 09/160,778	Dated: 24.09.98
Name of Applicant	Telcordia Technologies Inc	
Title of Invention	Ferroelectric thin films of reduced tetragonality.	
123 Nationalphase App.No	IN/PCT/2001/00404/CHE	Dated: 22.03.01
Corres. PCT App. No.	PCT/US99/19595	Dated: 26.08.99
Priority Document No.	US 09/159,557	Dated: 24.09.98
Name of Applicant	Telcordia Technologies Inc	
Title of Invention	Supercapacitor structure and method of making same.	
124 Nationalphase App.No	IN/PCT/2001/00405/CHE	Dated: 22.3.01
Corres. PCT App. No.	PCT/US99/19167	Dated: 23.08.99
Priority Document No.	US 60/097,665	Dated: 24.08.98
Name of Applicant	Sepracor Inc	
Title of Invention	Compositions comprising dopamine reuptake inhibitors	
125 Nationalphase App.No	IN/PCT/2001/00406/CHE	Dated: 22.03.01
Corres. PCT App. No.	PCT/US99/22149	Dated: 23.09.99
Priority Document No.	us/09,159,254	Dated: 23.09.98
Name of Applicant	Zymogenetics, Inc	
Title of Invention	Cytokine receptor zalpha11.	



126	Nationalphase App.No	IN/PCT/2001/00407/CHE	Dated: 22.03.01
	Corres. PCT App. No.	PCT/US99/22069	Dated: 23.09.99
	Priority Document No.	US 60/101,550	Dated: 23.09.98
	Name of Applicant	Henkel Corporation	
	Title of Invention	Autodepositable aqueous compositions	
127	Nationalphase App.No	IN/PCT/2001/00408/CHE	Dated: 22.03.01
	Corres. PCT App. No.	PCT/US99/21901	Dated: 22.09.99
	Priority Document No.	US 60/101,545	Dated: 23.09.98
	Name of Applicant	Hampshire Chemical corporation	
	Title of Invention	Sarcosinates as glufosinate adjuvants	
128	Nationalphase App.No	IN/PCT/2001/00409/CHE	Dated: 22.03.01
	Corres. PCT App. No.	PCT/US99/21902	Dated: 21.09.99
	Priority Document No.	US 09/160,107	Dated: 24.09.98
	Name of Applicant	Eastern acoustic Works Inc.	
	Title of Invention	Horn type loud speaker system	
129	Nationalphase App. No	IN/PCT/2001/00410/CHE	Dated: 22.03.01
	Corres. PCT App. No.	PCT/EP00/06810	Dated: 17.07.00
	Priority Document No.	EP 99202420.8	Dated: 22.07.99
	Name of Applicant	Koninklijke Philips electronic nv	
	Title of Invention	shaving head with jointly drivable cutting member and hair manipulator	
130	Nationalphase App.No	IN/PCT/2001/00411/CHE	Dated: 23.03.01
	Corres. PCT App. No.	PCT/EP99/06968	Dated: 21.09.99
	Priority Document No.	Germany 19843697.1	Dated: 23.09.98
	Name of Applicant	Basf Aktiengesellschaft, Germany	
	Title of Invention	Method for producing highly pure monoethylene glycol	
131	Nationalphase App.No	IN/PCT/2001/00412/CHE	Dated: 23.03.01
	Corres. PCT App. No.	PCT EP99/05333	Dated: 27.08.99
	Priority Document No.	ITALY TO 98A 000729	Dated: 28.08.98
	Name of Applicant	Ministero dell universita' e della	
	Title of Invention	Use of polyester resins for the production of vapour	

132 Nationalphase App.No	IN/PCT/2001/00413/CHE	Dated: 23.03.01
Corres. PCT App. No.	PCT/EP99/06879	Dated: 17.09.99
Priority Document No.	GB 9820861.4	Dated: 24.09.98
Name of Applicant	Nokia mobile phones ltd.,	
Title of Invention	Communication network	
133 Nationalphase App.No	IN/PCT/2001/00414/CHE	Dated: 23.03.01
Corres. PCT App. No.	PCT/EP99/06878	Dated: 17.09.99
Priority Document No.	GB 9820860.6	Dated: 24.09.98
Name of Applicant	Nokia mobile phones ltd.,	
Title of Invention	Communication network	
134 Nationalphase App.No	IN/PCT/2001/00415/CHE	Dated: 23.03.01
Corres. PCT App. No.	PCT/US99/22590	Dated: 28.09.99
Priority Document No.	US 60/102,153	Dated: 28.09.98
Name of Applicant	Kimberly clock world wide Inc	
Title of Invention	Chelates comprising chinoid groups as photoinitiators	
135 Nationalphase App.No	IN/PCT/2001/00416/CHE	Dated: 23.03.01
Corres. PCT App. No.	PCT/US99/22692	Dated: 20.09.99
Priority Document No.	US 09/159,305	Dated: 24.09.98
Name of Applicant	Michigan State University	
Title of Invention	Cross linked 2 dimensional polymers with sidene:	
136 Nationalphase App.No	IN/PCT/2001/00417/CHE	Dated: 23.03.01
Corres. PCT App. No.	PCT/US99/22601	Dated: 29.09.99
Priority Document No.	US 60/102,230	Dated: 29.09.98
Name of Applicant	University of florida	
Title of Invention	Tmof receptor and used thereof	
137 Nationalphase App.No	IN/PCT/2001/00418/CHE	Dated: 23.03.01
Corres. PCT App. No.	PCT/EP99/06802	Dated: 10.08.99
Priority Document No.	GB 981881.1	Dated: 29.08.98
Name of Applicant	Ciba Speciality chemicals holding	
Title of Invention	Preparation of substituted amido phthalocyanine derivatives	

138 Nationalphase App.No	IN/PCT/2001/00419/CHE	Dated: 23.03.01
Corres. PCT App. No.	PCT/DE99/00974	Dated: 25.03.99
Priority Document No.	GERMAN 19840539.1	Dated: 28.08.98
Name of Applicant	Atecs mannesman ag and Poranunt company ltd.,	
Title of Invention	Process /apparatus for injection moulding a polymer composition	
139 Nationalphase App.No	IN/PCT/2001/00420/CHE	Dated: 23.03.01
Corres. PCT App. No.	PCT/US99/21261	Dated: 23.09.99
Priority Document No.	US 09/161,064	Dated: 25.09.98
Name of Applicant	Gorden, alexandra and Grimes	
Title of Invention	Packing device for disc-shaped items and related materials	
140 Nationalphase App.No	IN/PCT/2001/00421/CHE	Dated: 23.03.01
Corres. PCT App. No.	PCT/EP99/06967	Dated: 21.09.99
Priority Document No.	GERMAN 19843652.1	Dated: 23.09.98
Name of Applicant	Basf Aktiengesellschaft, Germany	
Title of Invention	Method for producing highly pure monoethylene glycol	
141 Nationalphase App.No	IN/PCT/2001/00422/CHE	Dated: 26.03.01
Corres. PCT App. No.	PCT/US99/22674	Dated: 30.09.99
Priority Document No.	US 60/102/463	Dated: 30.09.98
Name of Applicant	12 Technologies, Inc	
Title of Invention	Multi dimensional data management system	
142 Nationalphase App.No	IN/PCT/2001/00423/CHE	Dated: 26.03.01
Corres. PCT App. No.	PCT/GB99/02820	Dated: 26.08.99
Priority Document No.	GB 9818633.1	Dated: 26.08.98
Name of Applicant	Symtec Limited	
Title of Invention	Methods and devices for mapping data files	
143 Nationalphase App.No	IN/PCT/2001/00424/CHE	Dated: 26.03.01
Corres. PCT App. No.	PCT/US99/19422	Dated: 25.08.99
Priority Document No.	US 60/098,195	Dated: 27.08.98
Name of Applicant	Silver Barbard, Stewart	
Title of Invention	Novel inulin fractions and food products containing the same	

144 Nationalphase App.No	IN/PCT/2001/00425/CHE	Dated: 26.03.01
Corres. PCT App. No.	PCT/US99/22616	Dated: 29.09.99
Priority Document No.	US 09/162,622	Dated: 29.09.98
Name of Applicant	Washington University	
Title of Invention	Mammaglobin secreted mammary-specific breast cancer protein	
145 Nationalphase App.No	IN/PCT/2001/00426/CHE	Dated: 26.03.01
Corres. PCT App. No.	PCT/JPO9/04995	Dated: 26.07.00
Priority Document No.	JP Hei10215521 etc	Dated: 29.07.99
Name of Applicant	Matsushita electric Industrial Co.,	
Title of Invention	Foldable mobile communication terminal	
146 Nationalphase App.No	IN/PCT/2001/00427/CHE	Dated: 26.03.01
Corres. PCT App. No.	PCT/EP99/06014	Dated: 17.08.99
Priority Document No.	GERMAN 19839346.6	Dated: 28.08.98
Name of Applicant	Basf Aktiengesellschaft, Germany	
Title of Invention	Improved process for preparing hexamethylenediamine	
147 Nationalphase App.No	IN/PCT/2001/00428/CHE	Dated: 26.03.01
Corres. PCT App. No.	PCT/EP99/06011	Dated: 17.08.99
Priority Document No.	GERMAN 19839338.5	Dated: 28.08.98
Name of Applicant	Basf Aktiengesellschaft, Germany	
Title of Invention	Co-production of $\delta$ -aminocarbonitrile and hexamethylenediamine	
148 Nationalphase App.No	IN/PCT/2001/00429/CHE	Dated: 26.03.01
Corres. PCT App. No.	PCT/EP99/06434	Dated: 01.09.99
Priority Document No.	GERMAN 19839792.5	Dated: 01.09.98
Name of Applicant	Basf Aktiengesellschaft, Germany	
Title of Invention	Preparation of a titanium silicate having the RUT system	
149 Nationalphase App.No	IN/PCT/2001/00430/CHE	Dated: 26.03.01
Corres. PCT App. No.	PCT/US99/21498	Dated: 17.09.99
Priority Document No.	US 09/163,987	Dated: 30.09.98
Name of Applicant	Kimberly clark World wide Inc	
Title of Invention	A sanitary paper product made by modifying coarse fibers	

150 Nationalphase App.No	IN/PCT/2001/00431/CHE	Dated: 26.03.01
Corres. PCT App. No.	PCT/EP99/06860	Dated: 16.09.99
Priority Document No.	GERMAN 1984547.4	Dated: 29.09.98
Name of Applicant	Aventis Pharma Deutschland GmbH	
Title of Invention	Indeno,naptho and benzocycloheptadihydrothizole derivatives	
151 Nationalphase App.No	IN/PCT/2001/00432/CHE	Dated: 27.03.01
Corres. PCT App. No.	PCT/EP99/06390	Dated: 31.08.99
Priority Document No.	Italy TO 98A 000735	Dated: 01.09.98
Name of Applicant	Novamont Spa	
Title of Invention	Biodgradable compositions comprising esters.	
152 Nationalphase App.No	IN/PCT/2001/00433/CHE	Dated: 27.03.01
Corres. PCT App. No.	PCT/EP99/06896	Dated: 17.09.99
Priority Document No.	GB 9821387.9	Dated: 01.10.98
Name of Applicant	Societe des produits nestle Sa	
Title of Invention	Hydrocolloid confectionery.	
153 Nationalphase App.No	IN/PCT/2001/00434/CHE	Dated: 27.03.01
Corres. PCT App. No.	PCT/US99/22439	Dated: 28.09.99
Priority Document No.	US 09/161,846	Dated: 28.09.98
Name of Applicant	Precision valve corporation	
Title of Invention	Improved mounting cup for an aerosol container.	
154 Nationalphase App.No	IN/PCT/2001/00435/CHE	Dated: 27.03.01
Corres. PCT App. No.	PCT/EP99/07298	Dated: 01.10.99
Priority Document No.	GB 9821298.8	Dated: 01.10.98
Name of Applicant	Novartis Ag	
Title of Invention	New sustained release oral formulations.	
155 Nationalphase App.No	IN/PCT/2001/00436/CHE	Dated: 27.03.01
Corres. PCT App. No.	PCT/US99/21653	Dated: 17.09.99
Priority Document No.	US 60/102,730	Dated: 01.10.98
Name of Applicant	The dow chemical company	
Title of Invention	Highly efficiency gear pump for pumping highly viscous fluid	

156 Nationalphase App.No	IN/PCT/2001/00437/CHE	Dated: 27.03.01
Corres. PCT App. No.	PCT/EP99/06251	Dated: 26.08.99
Priority Document No.	GERMAN 19839690.2	Dated: 01.09.98
Name of Applicant	Basf Aktiengesellschaft, Germany	
Title of Invention	Cycloalkylcarboxamides their prepration.	
157 Nationalphase App.No	IN/PCT/2001/00438/CHE	Dated: 27.03.01
Corres. PCT App. No.	PCT/EP99/07265	Dated: 01.10.99
Priority Document No.	GERMAN 19845289.6	Dated: 01.10.98
Name of Applicant	Basf Aktiengesellschaft, Germany	
Title of Invention	Unreinforced thermoplastic molding compositions.	
158 Nationalphase App.No	IN/PCT/2001/00439/CHE	Dated: 27.03.01
Corres. PCT App. No.	PCT/EP99/07208	Dated: 29.09.99
Priority Document No.	GERMAN 19845317.5	Dated: 01.10.98
Name of Applicant	Basf Aktiengesellschaft, Germany	
Title of Invention	Thermoplastic molding compositions for vehicles	
159 Nationalphase App.No	IN/PCT/2001/00440/CHE	Dated: 28.03.01
Corres. PCT App. No.	PCT/GB99/03228	Dated: 29.09.99
Priority Document No.	EP 98308013.6	Dated: 01.10.98
Name of Applicant	Kvaerner process technology Ltd	
Title of Invention	Process.	
160 Nationalphase App.No	IN/PCT/2001/00441/CHE	Dated: 28.03.01
Corres. PCT App. No.	PCT/GB99/03226	Dated: 29.09.99
Priority Document No.	EP 98308010.2	Dated: 01.10.98
Name of Applicant	Kvaerner Process Technology Ltd	
Title of Invention	Process.	
161 Nationalphase App.No	IN/PCT/2001/00442/CHE	Dated: 28.03.01
Corres. PCT App. No.	PCT/GB99/03230	Dated: 29.09.99
Priority Document No.	EP 98308011.0	Dated: 01.10.98
Name of Applicant	Kvaerner Process Technology Ltd	
Title of Invention	Process.	

162 Nationalphase App.No	IN/PCT/2001/00443/CHE	Dated: 28.03.01
Corres. PCT App. No.	PCT/US99/20616	Dated: 09.09.99
Priority Document No.	US 09/163,529	Dated: 30.09.98
Name of Applicant	Micro Motion, Inc	
Title of Invention	Transient bubble remediation in corioils flowmeters.	
163 Nationalphase App.No	IN/PCT/2001/00444/CHE	Dated: 28.03.01
Corres. PCT App. No.	PCT/CH99/00385	Dated: 23.08.99
Priority Document No.	SWISS 1766/98	Dated: 28.08.98
Name of Applicant	Maschinen fabrik Rieter Ag	
Title of Invention	A fiber sorting device.	
164 Nationalphase App.No	IN/PCT/2001/00445/CHE	Dated: 28.03.01
Corres. PCT App. No.	PCT/JP00/05121	Dated: 28.07.00
Priority Document No.	US 09/362,742	Dated: 29.07.99
Name of Applicant	Yasuaki Sakamoto	
Title of Invention	A surface reforming method of a metal product	
165 Nationalphase App.No	IN/PCT/2001/00446/CHE	Dated: 28.03.01
Corres. PCT App. No.	PCT/CH99/00458	Dated: 27.09.99
Priority Document No.	SWISS 1994/98	Dated: 01.10.98
Name of Applicant	Zellweger Luwa Ag	
Title of Invention	Device for detecting foreign substances in a thread.	
166 Nationalphase App.No	IN/PCT/2001/00447/CHE	Dated: 28.03.01
Corres. PCT App. No.	PCT/IB99/01590	Dated: 28.09.99
Priority Document No.	GB 9821277.2	Dated: 01.10.98
Name of Applicant	Schlumber ger Holdings Ltd	
Title of Invention	Control system for positiong of marine seismic streames	
167 Nationalphase App.No	IN/PCT/2001/00448/CHE	Dated: 28.03.01
Corres. PCT App. No.	PCT/EP99/07405	Dated: 24.09.99
Priority Document No.	EP 98203280.7	Dated: 29.09.98
Name of Applicant	Leuven Research and Development Vzw	
Title of Invention	Preparation of composition for treatement of ischemic stroke.	

168 Nationalphase App.No	IN/PCT/2001/00449/CHE	Dated: 29.03.01
Corres. PCT App. No.	PCT/FR99/02263	Dated: 23.09.99
Priority Document No	FR 98/12163	Dated: 29.09.98
Name of Applicant	Rhodia Chimie	
Title of Invention	Method for preparing 4-hydroxyquinolines	



## ALTERATION OF DATE

186910 Filed on 11.01.99  
45/Del/99 Anti date to 04.11.92

## COMPLETE SPECIFICATION ACCEPTED

Notice is hereby given that any person interested in opposing the grant of a patent on any of the applications concerned, may, at any time within four months from the date of this issue or within such further period not exceeding one month if applied for on Form 4 prescribed under the Patent (Amendment) Rules, 1999 before the expiry of the said period of four months, give notice to the Controller of Patents at the appropriate office on the prescribed Form 7 of such opposition. The written statement of opposition should be filed in duplicate alongwith evidence, if any, with said notice or within sixty days of its date as prescribed in Rule 36 as amended by the Patents (Amendment) Rules, 1999.

The Classification given below in respect of each specification are according to Indian Classification and International Classification Systems.

Printed copies of the specification and drawings, if any, can be supplied by the Patent Office or its branch offices on payment of prescribed charges of Rs. 30/- each.

In the event of non-availability of printed specification, photocopies of the specification and drawings, if any, can be supplied by the Patent Office and its branch offices on payment of prescribed photocopy charges @ Rs. 10/- per page of such document plus Rs. 30/-.

## स्वीकृत संपूर्ण विनिर्देश

एतद्वारा यह सूचना दी जाती है कि संबद्ध आवेदनों में से किसी पर पेटेंट अनुदान के विरोध करने के इच्छुक व्यक्ति, इसके निर्गम की तिथि से चार (4) महीने या अग्रिम ऐसी अवधि जो उक्त चार (4) महीने की अवधि की समाप्ति के पूर्व, पेटेंट (संशोधन) नियम, 1999 के तहत विहित प्ररूप 4 पर अगर आवेदित हो, एक महीने की अवधि से अधिक न हो, के भीतर कभी भी नियंत्रक एकस्व को उपयुक्त कार्यालय में ऐसे विरोध की सूचना विहित प्ररूप 7 पर दे सकते हैं। विरोध संबंधी लिखित वक्तव्य दो प्रतियों में साक्ष्य के साथ, यदि कोई हो, उक्त सूचना के साथ या पेटेंट (संशोधन) नियम, 1999 द्वारा संशोधित नियम 36 के तहत यथाविहित उक्त सूचना के तिथि से 60 दिन के भीतर फाईल कर दिये जाने चाहिए।

प्रत्येक विनिर्देश के संदर्भ में नीचे दिये वर्गीकरण, भारतीय वर्गीकरण तथा अन्तर्राष्ट्रीय वर्गीकरण के अनुरूप हैं।

विनिर्देश तथा चित्र आरेख, यदि कोई हो, की अंकित प्रतियों की आपूर्ति पेटेंट कार्यालय या उसके शाखा कार्यालयों से यथाविहित 30/- रुपये प्रति की अदायगी पर की जा सकती है।

ऐसी परिस्थिति में जब विनिर्देश की अंकित प्रति उपलब्ध नहीं हो, विनिर्देश तथा चित्र आरेख, यदि कोई हो, की फोटो प्रतियों की आपूर्ति पेटेंट कार्यालय या उसके शाखा कार्यालयों से यथाविहित फोटोप्रति शुल्क उक्त दस्तावेज के 10 रुपये प्रति पृष्ठ धन 30/- रुपये की अदायगी पर की जा सकती है।

Ind. Cl. : 179 BCD.

186901

Int. Cl.<sup>4</sup> : C11D, 3/02, 3/20.

## A CLEANSING BAR COMPOSITION.

Applicant : THE PROCTER & GAMBLE COMPANY, A CORPORATION ORGANIZED AND EXISTING UNDER THE LAWS OF THE STATE OF OHIO, UNITED STATES OF AMERICA, OF ONE PROCTER & GAMBLE PLAZA, CINCINNATI, STATE OF OHIO 452202, UNITED STATES OF AMERICA.

Inventor(s) : MARK LESLIE KACHER—U.S.A., JAMES EDEN TANERI—U.S.A., JAMES BERGER CAMDEN—U.S.A., PAUL EDWARD VEST—U.S.A. & SYLVIA JEAN BOWLES—U.S.A.

Application for Patent No. 1193/Del/91 filed on 05.12.91.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, New Delhi-110008.

## 8 Claims

A cleansing bar composition comprising :

15—75% rigid crystalline skeleton structure comprising an interlocking, open three-dimensional mesh of elongated crystals of sodium and/or lithium salts of mono- and/or dicarboxylic acid and mixtures thereof;

an aqueous phase having a penetration value of 12mm for a 12mm deep sample; said aqueous phase being soft or flowable at 25°C comprising 15—94% water and 2% to 40% of a solubilising aid as herein described, wherein the ratio of said water to said crystals of salts is from 1:1 to 5:1;

2% to 60% of synthetic surfactant; and

the balance being conventional optional ingredients wherein the said cleansing bar composition having a penetration value of from zero to 12mm for a 25mm deep sample of said cleansing bar composition.

(Compl. Specn. : 47 Pages.

Drgn. Sheets : 9)

Ind. Cl. : 71 G, 131 B 3

186902

Int. Cl. : E 21 D 15/00

AN IMPROVED HYDRAULIC PROP CAPABLE OF BEARING HEAVY SETTING LOAD FOR SUPPORTING MINE ROOFS.

Applicant : COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, RAJ MARG, NEW

DELHI-110001, INDIA AN INDIAN REGISTERED BODY INCORPORATED UNDER THE REGISTRATION OF SOCIETIES ACT.

Inventor : SIBNATH MATTY—INDIA.

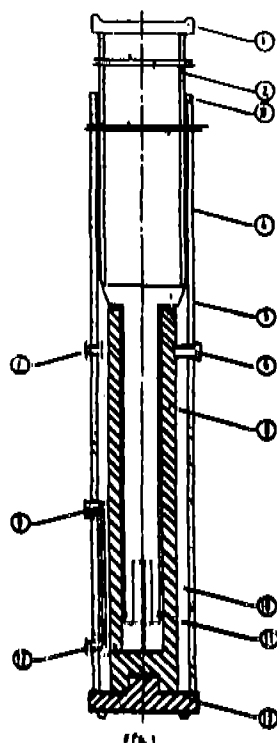
Application for Patent No. 0628/Del/92 filed on 16.07.92.

Complete left after provisional specification filed on 18.10.93.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, New Delhi-110008.

## 2 Claims

An improved hydraulic prop capable of bearing heavy setting load for supporting mine roofs, which comprises a solid piston (5) being closely fitted inside a hollow cylinder (8), a tube (2) being fixed at the top of the said piston (5), a crown (1) being fitted on to the top of the said tube (2), the said cylinder and piston being incorporated within a casing tube (4) and held in position by conventional means (6, 7 & 3), the said cylinder (8) and the said casing tube (4) being provided with an in charge/discharge valve (9) and an yield valve (12), the said casing tube (4) being provided with a base plate (13) characterized in that the said piston (5) being provided with oil seal (11) on its surface for sliding it as an air-tight piston inside the said hollow cylinder (8), a tension spring (10) being connected to the bottom of the said piston (5) and the said cylinder (8).



(Compl. Specn. : 8 Pages.

Drgn. Sheets : 01)

Ind. Cl. : 101 F.

186903

Int. Cl.<sup>4</sup> : E01C—19/29.

## A TRACKING DEVICE FOR A SOLAR CONCENTRATOR.

Applicant : RANGNATH VISHNU RASKAR, AN INDIAN NATIONAL OF D-45, AMAR COLONY, LAJPAT NAGAR IV, NEW DELHI-110024, INDIA.

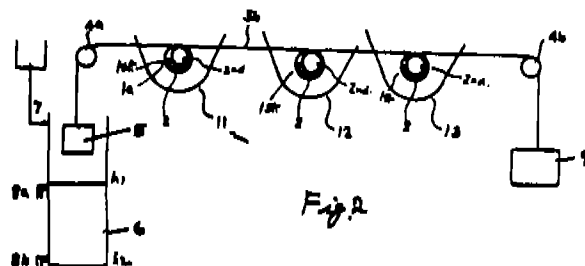
Inventor : RANGNATH VISHNU RASKAR—INDIA.

Application for Patent No. 171/Del/93 filed on 26.02.93.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, New Delhi-110008.

## 5 Claims

A tracking device for a solar concentrator (1) to keep the concentrator (1) in the direction of the sun comprising at least one pulley (2) having a pair of groove for receiving a first and second rope (3a & 3b) wound therein and is adapted to be secured to said concentrator, (1) the free ends of said ropes (3a & 3b) being secured to a float (5) disposed within a vessel (6) being provided on one side of said concentrator (1) and to a torque imparting member (9) being provided on the other side of said concentrator, (1) a fluid source (10) being provided for allowing a controlled flow of a liquid into said vessel (6) such that to rotate said pulley (2) in a first direction by moving said float (5), an outlet, (8a & 8b) being provided in said vessel (6) for allowing a discharge of said liquid from the vessel (6) and to allow a rotatable movement to said pulley (2) in the opposite direction so as to bring the concentrator (1) to its original position.



(Compl. Specn. : 9 Pages.

Drgn. Sheet : 1)

Ind. Cl. : 40 H.

186904

Int. Cl.<sup>4</sup> : C 10G 7/02 and B 01D 3/14.

## A VAPOR-LIQUID CONTACTING TRAY.

Applicant : UOP, A COMPANY ORGANIZED UNDER THE LAWS OF THE STATE OF NEW YORK, UNITED STATES OF AMERICA, ITS PRINCIPAL OFFICE LOCATED AT 25 EAST ALGONQUIN ROAD, DES PLAINES, ILLINOIS, UNITED STATES OF AMERICA.

Inventors : DANIEL RAY MONKELBAAN—US, MICHAEL ROBERT RESETARITS—US, ROBERT JAMES MILLER—US.

Application for Patent No. 536/Del/93 filed on 25.5.93.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, New Delhi-110008.

## 2 Claims

A vapor-liquid contacting circular tray used as fractionation trays within fractional distillation columns comprising :

- (i) at least one centrally located, narrow, trough-shaped downcomer, each downcomer being formed by two opposing side walls and two end walls which are shorter than the side walls, the said walls being provided perpendicular to the plane of the tray, each said downcomer having an open inlet and a liquid sealable outlet means;
- (ii) at least two elongated vapor-liquid contacting decks, with one vapor-liquid contacting deck being located adjacent each said downcomer side wall such that the tray has at least one more vapor-liquid contacting deck than downcomer; and
- (iii) means defining vertical liquid flow paths for two streams of liquid flowing onto the tray from a vertically said downcomer aligned directly above the downcomer, the said flow paths being defined by two inclined downcomer baffles placed over the said downcomer, with the downcomer baffles intersecting an upper edge of the said side walls, the said downcomer baffles being substantially equal in length to one-half of the associated downcomer and crossing over the open inlets of the associated downcomer, with the two downcomer baffles of each downcomer being inclined to deliver liquid to contacting decks located on different sides of the associated downcomer.

(Compl. Specn. : 23 Pages. Drgn. Sheets : 4)

Ind. Cl. : 170 B 186905

Int. Cl. : C 11 D 1/00

## A CONTINUOUS PROCESS FOR PREPARING DETERGENT GRANULES.

Applicant : THE PROCTER & GAMBLE COMPANY, A CORPORATION ORGANIZED AND EXISTING UNDER THE LAWS OF THE STATE OF OHIO, UNITED STATES OF AMERICA OF ONE PROCTER & GAMBLE PLAZA, CINCINNATI, STATE OF OHIO 45202, UNITED STATES OF AMERICA.

Inventor(s) : VANDIJK, PAUL—BELGIAN, VEGA, JOSE LUIS—SPANISH.

Application for Patent No. 0578/Del/93 filed on 08.06.93.

Convention Application No. 92870089.7/UK/15.06.92.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules 1972) Patent Office Branch, New Delhi-110005.

## 9 Claims

A continuous process for preparing detergent granules having bulk density greater than about 650 g/l, which process comprises the steps of :

- (a) mixing a surfactant paste comprising at least 10% by weight of a neutralized anionic surfactant as herein defined and a powder which is water soluble and is selected from the group consisting of alkali mater salts of phosphates, polyphosphates, phosphonates, polyphosphonates, carbonates, silicates, borate, polyhydroxysulfonates and mixtures thereof, using a mixer at a first speed for a period of from 2 seconds to 30 seconds, wherein the first speed is from 600 to 2000 RPM and is sufficient to substantially eliminate localized buildup, balling or caking of the powder;
- (b) agglomerating the resulting mixture having predetermined viscosity using a mixer of a second speed of from 60 to 150 RPM for a period of less than one minute to provide the final detergent granules with a porosity of not less than 15%;
- (c) obtaining the detergent granules of a desired mesh size and subjecting it to at least one of drying and cooling.

(Compl. Specn. : 36 Pages. Drgn. Sheets : Nil)

Ind. Cl. : 32 C 186906

Int. Cl. : G01 F—001/32 + 73/861

## AN APPARATUS FOR THE COMBINED INJECTION OF PULVERISED COAL AND A GASEOUS OXIDANT.

Applicant : PAUL WURTH S.A., A COMPANY ORGANIZED UNDER THE LAWS OF GRAND DUCHY OF LUXEMBOURG, OF 32 RUE D'ALSACE, L-1122 LUXEMBOURG, GRAND DUCHY OF LUXEMBOURG.

Inventor(s) : LEON ULVELING—LUXEMBOURG, YVON KROEMMER—BELUGIUM, CHRLES SCHMIT—LUXEMBOURG.

Application for Patent No. 606/Del/93 filed on 15.6.93.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules 1972) Patent Office Branch, New Delhi-110005.

## 18 Claims

An apparatus for the combined injection of pulverised coal and a gaseous oxidant into the hearth of a shaft furnace, particularly a blast furnace, comprising :

A lance body with an inner pipe forming an inner duct and an outer pipe surrounding the inner pipe so as to define

with the latter an annular duct, said lance body having a first end and opposite second end,

Nozzle means located at said first end of said lance body, said nozzle means comprising a first injection nozzle connected to said inner duct and a second injection nozzle positioned in an annular manner around said first injection nozzle and connected to said annular duct; a first connecting sleeve connected to a distribution circuit for pulverised coal;

A second connecting sleeve connected to a distribution circuit for a gaseous oxidant, and

A distribution block mounted on said second end of said lance body and connected to said first connecting sleeve, and said second connecting sleeve, said distribution block including at least two first channels connecting said first connecting sleeve to said annular duct, so that the flux of pulverized coal flowing through the first connecting sleeve is distributed over said first channels before flowing into said annular duct and at least one second channel arranged between said first channels so as to connect said second connecting sleeve to said inner duct

(Compl. Specn. : 32 Pages.

Drgn. Sheets : 6)

Ind. Cl. : 62 F.

186907

Int. Cl. : B05C 1/00

#### AN AUTOMATIC CLOTHES WASHER.

Applicant : WHIRLPOOL CORPORATION, 2000 M-63, BENTON HARBOR, MICHIGAN 49022 UNITED STATES OF AMERICA.

Inventor : DOUGLAS E. WOOD—U.S.A.

Application for Patent No. 632/Del/93 filed on 23.6.93.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules 1972) Patent Office Branch, New Delhi-110008

#### 7 Claims

An automatic clothes washer (10) having an agitator (18) rotatably mounted in a wash basket and a drive system including a motor (20) having an output shaft and a drive means operatively connected between the said output shaft and said agitator, wherein said drive means (29) comprises:

a drive shaft (30) having a first end operatively connected to said output shaft of said motor and having a second end;

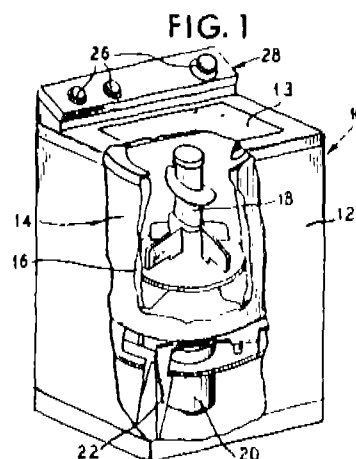
an agitator shaft (34) generally aligned with said drive shaft and having a first end operatively connected to said agitator and having a second end;

a planetary gear system (32) having a sun gear operatively connected to said second end of said drive shaft, at least three planetary gears operatively connected to said second end of said agitator shaft and a ring gear operatively

connected to said wash basket (16), said ring gear surrounding said planet gears and said sun gear (54), and said planet gears drivingly engaging said sun gear and said ring gear (48);

a cylindrical spin tube (42) surrounding said agitator shaft and being axially and radially constrained relative to said planetary gear system (50); and

means for radially supporting said agitator shaft (34) in operating position including means for supporting said first end of said agitator shaft (34) in a fixed radial position relative to spin tube (42) and means for radially positioning said second end of said agitator shaft (34) comprising driving engagement of said planet gears (50) with said sun (54) gear and ring gear (48) so that said second end of said agitator shaft (34) is radially movable relative to said second end of said drive shaft (30) for allowing a self centering relationship between said planetary gears (50) and said sun (54) gear and said ring gear (48).



(Compl. Specn. : 11 Pages.

Drgn. Sheets : 1)

Ind. Cl. : 34 A

186908

Int. Cl. : D 0 2 G 3/00

#### SYNTHETIC FILAMENT.

Applicant : FASTMAN CHEMICAL COMPANY, A CORPORATION ORGANIZED UNDER THE LAWS OF THE STATE OF DELAWARE OF 100 NORTH EASTMAN ROAD, KINGSPORT, TENNESSEE 37660, UNITED STATES OF AMERICA.

Inventor(s) : BOBBY MAL PHILLIPS—U.S.A., JACKSON LEE NELSON—U.S.A., WILLIAM ALSTON HAILE—U.S.A., HUGH ANSLEY THOMSON—U.S.A.

Application for Patent No. 718/Del/93 filed on 12.07.93.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules 1972) Patent Office Branch, New Delhi-110005.

#### 5 Claims

A synthetic filament made of a material such as herein described having a "U" shaped or "E" shaped cross-section

with stabilising legs which is capable of spontaneously transporting water on the surface thereof wherein said filament satisfies the equation

$$(-X \cos \theta_a) < 0,$$

Wherein  $\theta_a$  is the advancing contact angle of water measured on a flat film made from the same material as the filament and having the same surface treatment, if any, and  $X$  is a shape factor of the filament cross-section the satisfies the following equation

$$X = \frac{P_w}{4r + (\pi - 2) D}$$

Wherein

$P_w$  is the wetted perimeter of the filament;

$R$  is the radius of the circumscribed circle circumscribing the filament cross-section; and

$D$  is the minor axis dimension across the filament cross-section; provided said "U" shaped filament with stabilizing legs comprising a curved section containing stabilizing legs and two straight sections, where  $w$ , the width of the filament, is 3 to 15 microns;  $\beta$ , the angle between the stabilizing legs, is  $10^\circ$  to  $60^\circ$ ;  $\mu$ , the acute angle formed by intersection of extension of straight portion of the filament, is  $0^\circ$  to  $70^\circ$ ;  $a$ , the length of the straight section of the filament is 50 to 200 microns;  $r$ , the linear distance between the ends of the straight sections of the filament, is 30 to 300 microns;  $s$ , the perpendicular distance from a line connecting the outer extremities of the straight sections and the concave surface of the filament, is 20 to 100 microns;

$t$ , the length of a stabilizing leg, is independently 3 to 15 microns; and  $n$ , the number of stabilizing legs, is 3 to 6; provided that when  $n$  is equal to 3 or 5, there is a stabilizing leg on the vertical axis of symmetry and the other stabilizing legs are substantially symmetrically spaced around the vertical axis of symmetry; and when  $n$  is equal to 4 or 6, the stabilizing legs are substantially symmetrically spaced around the vertical axis of symmetry; and

said "E" shaped filament with stabilizing legs comprising a backbone, two outer ribs, an inner rib, two rib extensions and stabilizing legs, wherein " $w$ ", the width of the filament, is 3 to 15 microns;  $y$ , the angle between a linear extension of an outer rib and rib extension, is  $0^\circ$  to  $45^\circ$ ;  $o$ , the angle between the backbone and an outer rib, is  $90^\circ$  to  $120^\circ$ ;  $e$ , the length of a stabilizing leg as measured from a center point in the filament, is independently 1 to 15 microns;  $f$ , the length of the backbone of the filament including stabilizing legs located on each end, is 30 to 100 microns;  $l$ , the linear distance between the center of an outer rib and the center of the middle rib, is 8 to 50 microns;  $j$ , the linear distance between the point where the outer rib intersects the rib extension and the center of the backbone, is 15 to 100 microns;  $k$ , the linear distance between the extremity of the middle rib and the center of the backbone, is 15 to 150 microns;  $l$ , the linear distance between the point where

the outer rib intersects the rib extension and the extremity of the stabilizing leg located on the backbone is 18 to 115 microns;  $m$ , the linear distance between the extremity of rib extension and the point where the outer rib intersects the rib extension, is 15 to 100 microns; and  $n$ , the number of stabilizing legs, is 4 to 6; provided that when equals  $o$ ,  $n$  is 4;

said filament optionally coated with a hydrophilic substance.

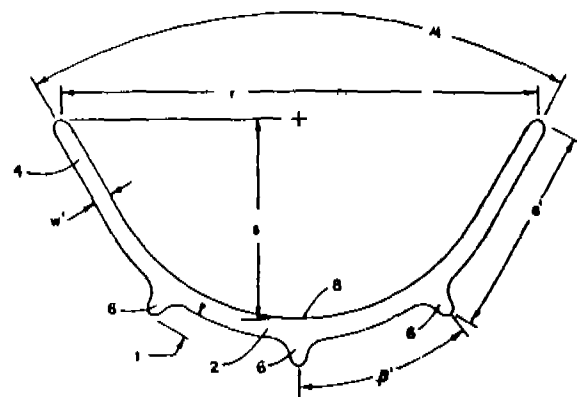


Fig. 1

(Compl. Specn. : 32 Pages.

Drgn. Sheets : 16)

Ind. Cl. : 129 J

186909

Int. Cl. : B 02 C 4/30

A ROLLING MILL FOR USE IN ROLLING RODS AND BARS.

Applicant : MORGAN CONSTRUCTION COMPANY, A CORPORATION ORGANIZED AND EXISTING UNDER THE LAWS OF THE COMMONWEALTH OF MASSACHUSETTS, UNITED STATES OF AMERICA, OF 15 BELMONT STREET, WORCESTER, MASSACHUSETTS 01605, UNITED STATES OF AMERICA.

Inventors : TERENCE MICHAEL SHORE—U.S.A., MELICHER PUCHOVSKY—U.S.A.

Application for Patent No. 0731/Del/93 filed on 13.07.93.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules 1972) Patent Office Branch, New Delhi-110005.

### 8 Claims

A rolling mill for use in rolling rods and bars, said rolling mill having work roll pairs (12) connected along a rolling line to roll a single strand product in twist-free manner, said work roll pairs being driven by a common mill drive (34) via a drive train which includes first and second line shafts (28a, 28b) extending in parallel relationship with the rolling line, characterized in that :

- intermediate drive means (44) is mechanically interconnected to two successive work roll pairs, said intermediate drive means is interposed in said drive train between said two successive work roll pairs and said first and second line shafts; and
- first and second engagement means (56a, 56b) alternatively connect said intermediate drive means to one or the other of said first and second line shafts via respective first and second intermeshed gear sets, (46a, 50a and 46b, 50b) said first and second intermeshed gear sets have different gear ratios.

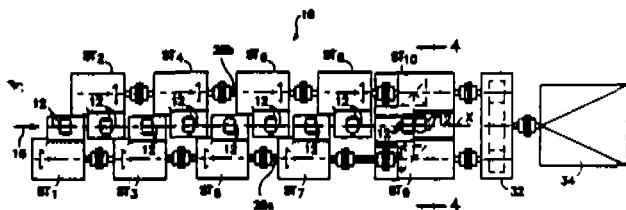


FIG. 1

(Compl. Specn. : 11 Pages. Drgn. Sheets : 04)

Ind. Cl. : 32F, 186910

Int. Cl. : CO 7C 19/00, 17/00.

#### A PROCESS FOR THE PREPARATION OF DIFLUOROMETHANE.

Applicant : IMPERIAL CHEMICAL INDUSTRIES PLC., A BRITISH COMPANY OF IMPERIAL CHEMICAL HOUSE, MILLBANK, LONDON SW1P 3 JF, ENGLAND.

Inventor(s) : JOHN STUART MARTIN-BRITISH, THOMAS ANTHONY RYAN-BRITISH, RACHEL ANNE SPOONCER-BRITISH.

Application for Patent Number 45/Del/99 filed on 13.11.99.

Divided out of Patent application Number 1007/Del/92 filed on 4.11.92.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, New Delhi-110 008.

#### 5 Claims

A process for the preparation of difluoromethane which comprises the steps of (a) contacting formaldehyde with hydrogen fluoride in reaction/distillation vessel at ambient pressure, superatmospheric pressure or sub-atmospheric pressure to produce bisfluoromethyl ether, and (b) feeding the bisfluoromethyl into a reaction zone whereby converting disfluoromethyl ether to difluoromethane, said conversion taking place in liquid or vapor phase at ambient pressure, superatmospheric pressure or sub-atmospheric pressure, optionally in the presence of a catalyst of the kind such as herein described.

(Complete Specification : 25 Pages. Drawing Sheets 4)

Ind. Cl. : 107G.

186911

Int. Cl. : B 01 D 46/52

#### A FILTER ELEMENT FOR AUTOMOBILE.

Applicant : FILTER WERK MANN+HUMMEL GMBH OF HINDENBURGST. 37-45, POSTFACH-409, 71631, LUDWIGSBURG, GERMANY, GERMAN.

Inventor : 1. THOMAS BUTZ, 2. RALF KALLER, 3. GUNTHER KISSEL, 4. VOLKER KOCH, 5. WARNER SCHNABEL.

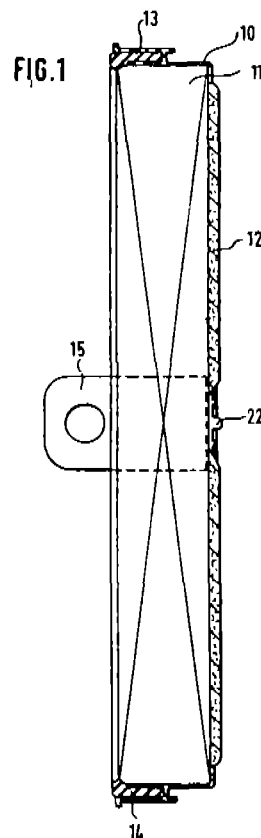
Application No. : 354/Bom/96 filed on 5.7.96.

Priority Data No. 195 34 254.2 of Germany dated 15.9.95.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules 1972), Patent Office Branch, Mumbai-13.

#### 06 Claims

A filter element comprising a frame work 10 made of thermoplastic synthetic material in which a filter medium 11 is folded in a zigzag manner, a prefilter fibrous web 12 is located at the air inlet side, the frame work has a rotating lining pockets 13 provided with silicon gasket extending into the filter medium.



(Compl. Specn. : 07 Pages. Compl. Drgn. Sheets : 02)

Ind. Cl. : 179 F

186912

Int. Cl. : A 61J 9/04

**NURSING BOTTLES.**

Applicant : NEW VENT DESINGS, INC, 12921 NIMES DRIVE, ST. LOUIS, MISSOURI 63141 USA.

Inventor(s) : BROWN CRAIG E, BROWN ROBERT J, KEMPER BERNARD J, HAYS DAVID E.

Application No. : 399 Bom 96 filed on 02.08.96.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules 1972), Patent Office Branch, Mumbai-13.

**07 Claims**

A nursing bottle adapted to be filled with liquid and capped with a nipple, whose interior remains at atmospheric pressure when the bottle is inverted during use, the nursing bottle comprising :

- (a) A vertical container having a mark defining a horizontal plane in the upper one half of the container, the container being adapted to contain a quantity of liquid not exceeding the mark, the container having an air space above the liquid and the container having a first, radially central opening at its top for the reception of a nipple;
- (b) A reservoir having a volume less than the volume of the container and being located such that substantially all its volume is above the mark in the container;
- (c) A vertical liquid conduit from a point near the bottom of the container to the bottom of the reservoir, the liquid conduit having a volume less than that of the reservoir so that, when the bottle is filled with liquid and inverted, the liquid in the liquid conduit only partially fills the reservoir and an air space remains in the reservoir; and

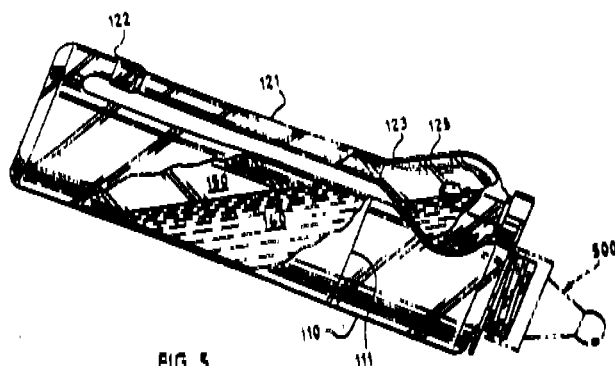


FIG. 5

- (d) An air conduit from outside the bottle to a point in the reservoir where the air space exists when the bottle is filled with liquid and inverted; such that, when the nursing bottle is filled with the liquid and fitted with a nipple, the liquid level in the container and in the liquid conduit are the same; and also such that, when the nursing bottle is inverted, the liquid from the liquid conduit flows into, and remains in,

the reservoir for as long as the bottle is inverted and an open air passage is established through the air conduit reservoir liquid conduit to carry ambient air into the container and thereby maintain atmospheric pressure.

(Compl. Specn. : 25 Pages. Compl. Drgn. Sheets : 10)

Ind. Cl. : 139 D

186913

Int. Cl. : C 01 B—3/08.

**HYDROGEN GAS GENERATOR-CUM-HYDROGEN GAS BURNER.**

Applicant : MR. SIVAJI MARUTI DEGAONKAR, C/5, NAVA SAMAJ CO-OPERATIVE HOUSING SOCIETY LIMITED, GUJARATI SOCIETY ROAD, OFF NEHRU ROAD, VILE PARLE (EAST), MUMBAI-400 057, MAHARASHTRA STATE, INDIA.

Inventor : IDEM.

Application No. : 484/Bom/1996, filed on 1.10.1996.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules 1972), Patent Office Branch, Mumbai-400 013.

**2 Claims**

A hydrogen gas generator-cum-hydrogen gas burner, made out of stainless steel sections, as shown in the accompanying drawing, comprising a tank (1) adapted for filling dilute acid or alkali, mounted on four legs; the tank being fitted with a cap (2H) a level indicator (3) a drain cock (4M) a main valve (6C); a regulator (10E) and a T(8) fitted to the vertical pipe line (7) connecting tank (1) to tank A; an auxiliary valve (17D) fitted to the horizontal pipe line connecting vertical pipe line (7) and tank B, through the T(8), a horizontal pipe line (22) connected to the top sides of tanks A & B; the said pipe line being fitted to the back side of the gas burner manifold (27); the said manifold being fitted with any number of tube members (28) with nozzles (29) arranged either in circular, straight or any other formation functioning as a hydrogen gas burner.

(Complete Specification : 6 Pages. Drgn. Sheet : 1)

Ind. Cl. : 94 I.

186914

Int. Cl. : C 13 D—1/06.

**A STATIONARY CLOSED PRESSURE CHUTELESS SUGARCANE CRUSHING MILL.**

Applicant : BHAUSAHEB BAPURAO NIKAM, 526, NARAYAN PETH, PUNE-400 030, MAHARASHTRA, INDIA.

Inventors : -IDEM-

Application No. 625/Bom/1996, filed on 30.12.1996.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules 1972), Patent Office Branch, Mumbai-13.

## 12 Claims

A stationary closed pressure chuteless sugar cane crushing mill comprising of a plurality of two or three roll mill modules provided in tandem, each of the said mill module comprising two or three crushing rolls mounted in a pair of main frames provided at the two ends, each of the said main frame consisting of a head stock having two side caps and a top cap, removably mounted thereon, the said top cap being provided with pressure means for pressing down the top roll, an auxiliary frame being provided for mounting thereon at least one feeder roller, a protrusion being provided to the said head stock or the side cap, the said auxiliary frame being hingedly attached to said protrusion for swingably mounting the same to the said main frame, a removable attaching means for attaching the said auxiliary frame with main frame, keeping the feeder roller/s mounted in the auxiliary frame in close proximity of the crushing rollers mounted in the said main frame. In the operating position, so that the prepared cane/bagasse can be compressed and fed to the crushing rolls without needing a stationary closed pressure chute and the said auxiliary frame along with feeder roller/s mounted thereon when swung away permit access to main rolls and easy and quick maintenance without removing the feeder roller/s.

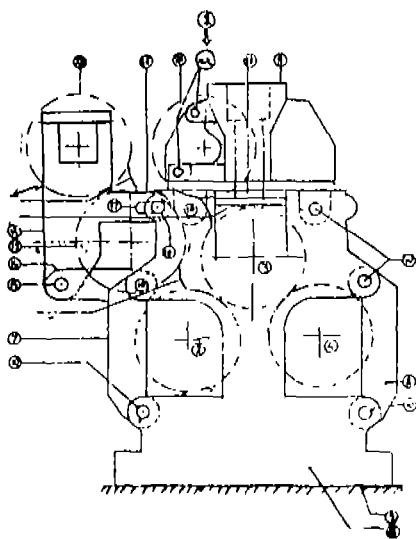


Fig-1

(Complete Specification : 11 Pages. Drawing Sheet 1)

Ind. Cl. : 27 I [XXVI(1)]

186915

Int. Cl. : E04B, 5/55.

## BUILDING ELEMENTS FOR ERECTING STRUCTURES OF SPACE FRAMES OR FURNITURE.

Applicant : SNEHAL KISHORLAL VASANI, 1, APPARNALI, OPP. BMC COLLEGE, 849/4, AGARKAR ROAD, PUNE-411 004, MAHARASHTRA, INDIA.

Inventor(s) : -IDEM-

Application No. 48/Bom/1977, filed on 27/01/1997.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules 1972), Patent Office Branch, Mumbai-13.

## 7 Claims

Building elements for erecting structures of space frames or furniture, which comprises:

A plurality of rigid elongate square profiled column and beam elements, each of the elements having a square bore open at both ends;

A plurality of sets of rigid connector elements having a central cube having six faces from which extend at least one to a maximum of six trapezoid spigots with tapering sides and end faces the relatively wider face integral with the central cube and the smaller face at the free end of the spigot as particularly represented in the accompanying drawings; and a plurality of resilient coupling elements, defined by a substantially square hollow frame having four extensor leg structure extending from the frame which can be resiliently inserted partially into the open ends of the rigid elongate square profiled column and beam elements.

(Complete Specification : 11 Pages. Drawings Sheets 10)

Ind. Cl. : 123

186916

Int. Cl. : A 01 C-3/00.

## A PROCESS FOR PREPARING IN SITU COMPOST, BY USING ORGANIC GARBAGE AT THE SAME PREMISES WHERE THE GARBAGE IS GENERATED.

Applicant : DR. RAMESH TRIBHUVANDAS DOSHI, JAMUNOTRY, 26TH ROAD, BANDRA (WEST), MUMBAI-400 050, MAHARASHTRA, INDIA.

Inventor : -IDEM-

Application No. 333/Bom/1997, filed on 30.5.1997.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules 1972), Patent Office Branch, Mumbai-13.

## 14 Claims

A process for preparing in situ compost by using organic garbage at the same premises where the garbage is generated, comprising the following steps:

- separating the inorganic and organic garbage from the garbage being generated in a household, restaurant or the like;
- selecting a container for putting the daily disposal of the said organic garbage depending upon the quantum of organic garbage being generated daily at the same premises;
- making the said container open at the top and bottom and providing peripheral hole(s) depending upon the size of the container;
- keeping the said container on the rooftop or any open space of the said premises;



- (e) filling the said container with coarse organic biomass to form a bottom layer;
- (f) filling the daily generated organic garbage over the said coarse organic biomass layer till it reaches the level of the said hole(s);
- (g) the said peripheral hole(s) is/are adopted to place the sapling(s) or seeds of the agricultural produce like vegetables, or the like which are preferably supported by some vertical rods/sticks provided outside the said container supporting/directing the saplings to grow vertical;
- (h) filling the said container with another layer of coarse biomass at the level of the said hole(s) covering the said sapling roots or seeds;
- (i) filling the said container over the said coarse biomass layer with the organic garbage being generated daily and continuing the same for the formation of in situ compost.

(Complete Specification : 17 Pages. Drawing Sheet : Nil)

Ind. Cl. : 53[LII(5)] 186917

Int. Cl. : B 62 K-25/00, 19/00, F 16 C 35/00.

#### A HUB OF A BICYCLE.

Applicant : (1) JING-CHENLIN, CITIZEN OR REPUBLIC OF CHINA, AT NO. 173, KUEI SUEI STREET, KAOHSIUNG CITY, TAIWAN. (2) MING CHANG LIN, CITIZEN OR REPUBLIC OF CHINA, AT NO. 66, HUAI AN STREET, KAOHSIUNG, CITY, TAIWAN.

Inventor(s) : -IDEM-

Application No. : 427/Bom/1997 filed on 15.7.1997.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules 1972), Patent Office Branch, Mumbai-13.

#### 4 Claims

A hub of a bicycle comprising a five way pipe, a casing coupling, an axle, balls and retaining race rings, the axle being installed into the casing coupling with one set of bearing balls located by a retaining race near to one end of the casing coupling and a second set of bearing balls located by a retaining race ring near to the other end of the casing coupling and the assembled casing coupling being mounted in the five way pipe, wherein;

the five way pipe comprises a female thread formed at the inside of one end and a retainer face formed at the inside edge of another end; and the casing coupling comprises a male thread formed at one end and a retainer face formed at another end;

such that the assembled casing coupling is inserted into the five way pipe and fastened in by screwing the co-operating male and female threads together.

(Complete Specification : 11 Pages. Drawing Sheets : 4)

Ind. Cl. : 34[X]

186918

Int. Cl. : C 08 J -3/00, C 08 G-69/00.

A PROCESS FOR MAKING POWDER COATING GRADE NYLON-6 FROM NYLON-6 CHIPS AND WASTES.

Applicant : GUJARAT STATE FERTILIZERS & CHEMICALS LTD., P.O. FERTILIZER NAGAR 391 750, DIST. VADODARA, GUJARAT STATE, INDIA.

Inventor(s) : 1. BHUPINKUMAR V. ANKLESHWRIA, 2. PRASHANT D. KOTAK & 3. MAHESH H. MEHTA.

Application No. 537/Bom/97, filed on 12.9.1997.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, Mumbai-400 013.

#### 19 Claims

A process for making powder coating grade Nylon-6 from Nylon-6 chips and wastes comprising the steps of:

- chopping Nylon-6 spinning waste/chips of lump of fibrous nature are into small linter form of approx. 8 to 12 mm length;
- dissolving the chopped material in sulphuric acid 35% to 60% H<sub>2</sub>SO<sub>4</sub> concentration level placed in an open reactor vessel with uniform rate of feeding and under constant stirring and constant room temperature between twenty and forty degree centigrade to form a slurry;
- adding a nucleating agent such as micronised silica powder @ 0.5% to 7.0% yarn wastes/chips to the dissolved Nylon-6 slurry under constant stirring for five to twenty minutes;
- precipitating Nylon-6 polymer powder from the slurry by slowly adding water to the slurry at constant room temperature and pressure and a high level of agitation;
- filtering the precipitate so formed;
- pulverising/deagglomeration of the filtered wet cake;
- filtering and washing of the pulverised mass till pH of the mass is around 7;
- drying the pulverised mass till the moisture content of the mass is around 1 per cent;
- a further pulverisation of the dried mass in a high speed pulveriser under jacket cooling;
- size separation of the pulverised powder to obtain graded levels of powder suitable for powder coating;
- further drying of the graded powder to maintain the moisture in the powder to between 0.2% to 0.4%;

blending the powder so obtained with speciality additives such as plasticizers, inorganic harness modifiers, pigments to suit individual application requirements for powder coating, viz. flexibility, hardness, colour, heat resistance of coating film.

(Complete Specification : 16 pages. Drawing Sheet : Nil)

Ind. Cl. : 13 D [XL(1)]

186919

Int. Cl. : A 45 C—3/02. 5/00.

AN INTEGRALLY INJECTION MOULDED RIGID PLASTIC FRAMELESS LUGGAGE CASE.

Applicant : VIP INDUSTRIES LTD., 78 A, MIDC ESTATE, SATPUR, NASHIK-422 007, MAHARASHTRA, INDIA.

Inventor : SUNIL CHIMANRAO KOLHE.

Application No. 177/Bom/1998 filed on 25.3.1998.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules 1972), Patent Office Branch, Mumbai-13.

## 2 Claims

An integrally injection moulded rigid plastic frameless luggage case consisting of a bottom shell and a top shell hinged together at the back and provided with handle and lock(s) and optionally provided with legs and wheel(s) and pulling string or cord, the bottom shell being provided with a groove at the edge thereof and the top shell being provided with a tongue at the outer surface thereof adapted to engage in the groove in the closed position of the shells characterized in that the tongue is integrally formed with a laterally projecting canopy of the same plastic material as the luggage case adapted uniformly to abut the tip of the outer wall of the groove and camouflage the joint between the tongue and the outer wall of the groove in the closed position of the shells.

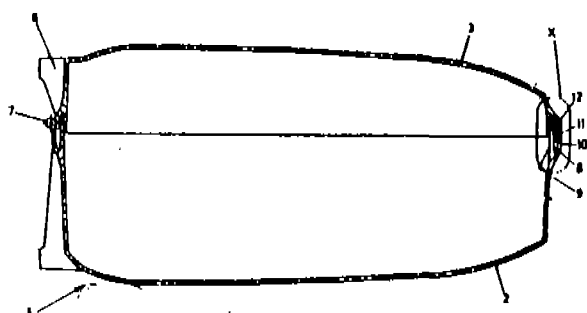


FIG - 3

(Complete Specification : 6 Pages. Drawing Sheets : 4)

Ind. Cl. : 55 E, + E<sub>2</sub> [XIX (1)]

186920

Int. Cl. : A 61 K. 31/00.

AN IMPROVED PROCESS FOR THE MANUFACTURE OF SUBSTITUTED MALONIC ESTERS.

Applicant : M/s. FDC LTD. 142-48, S. V. ROAD, JOGESHWARI (WEST), MUMBAI-400 102, INDIA.

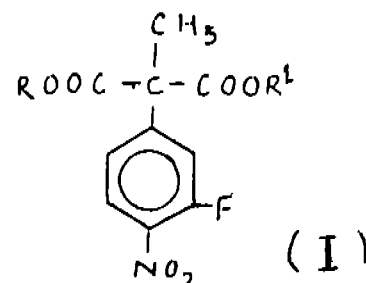
Inventor : SHRI MOHANANAND CHANDA VARKAR.

Application No. 663/Bom/1998 filed on 15.10.1998.

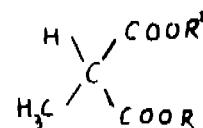
Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules 1972), Patent Office Branch, Mumbai-13.

## 3 Claims

An improved process for the preparation of substituted methyl malonic esters of the formula—

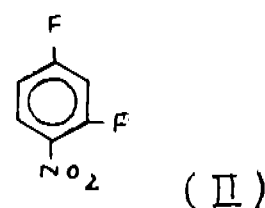


Where R<sup>1</sup> and R are the same or different and are selected from the group of alkyl of from 1 to 6 carbon atoms, inclusive or together from cyclic diester, comprises reacting a compound of the formula



Wherein R & R<sup>1</sup> are as defined above

With a compound of formula (II)



In the presence of a base selected from the group consisting of alkali metal hydroxide or potassium carbonate in a polar solvent such that the reaction mixture being essentially free of water.

(Compl. Specn. : 12 Pages.

Drgn. Sheets : Nil)

## OPPOSITION PROCEEDINGS.

An opposition entered by M/s. Indian Space Research Organisation, Bangalore to the grant of a patent to the Application No. 184252 (60/Mas/94) has been withdrawn and the application for patent has been ordered to proceed for sealing.

An opposition entered by M/s. Bharat Heavy Electricals Limited, Hyderabad, to the grant of a patent to the Application

No. 184351 (174/Mas/94) has been withdrawn and the application for patent has been ordered to proceed for sealing.

### **RESTORATION PROCEEDINGS**

Notice is hereby given that an application was made under Section 60 of the Patents Act 1970 for the restoration of Patent No. 173310 granted to Dr. S. N. Sur & National organic Chemical Industries Limited for an invention relating to an improved process of preparing catalysts for polymerization of olefins with high yield and desirable characteristics of polymerized products.

The Patent ceased on the 18.7.2000 due to non-payment of renewal fees within the prescribed time and the cessation of the patent was notified in the Gazette of India, Part III, Section 2 dated the 06.10.2001.

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 14 in duplicate, with the Controller of Patents, The Patent Office, Nizam Palace, 2nd M.S.O. Building 5th, 6th & 7th Floor, 234/4, A.J.C. Bose Road, Calcutta-700 020 on or before the 08.02.2001 under rule 69 of the Patents Rules 1972. A written statement, in triplicate, setting out the nature of the opponents interest, the fact upon which he bases his case and the relief he seeks, shall be filed with the notice or within two months from the date of the notice.

Notice is hereby given that an application was made under Section 60 of the Patents Act 1970 for the restoration of Patent No. 182119 granted to ARUN DHANDHANIA for an invention relating to a process of manufacturing of flavoured beverage (Saffron liquid).

The Patent ceased on the 08.11.2000 due to non-payment of renewal fees within the prescribed time and the cessation of the patent was notified in the Gazette of India, Part III, Section 2 dated the 10.11.2001.

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 14 in duplicate, with the Controller of Patents, The Patent Office, Nizam Palace, 2nd M.S.O. Building 5th, 6th & 7th Floor, 234/4, A.J.C. Bose Road, Calcutta-700 020 on or before the 08.02.2001 under rule 69 of the Patents Rules 1972. A written statement, in triplicate, setting out the nature of the opponents interest, the fact upon which he bases his case and the relief he seeks, shall be filed with the notice or within two months from the date of the notice.

Notice is hereby given that an application was made under Section 60 of the Patents Act 1970 for the restoration of Patent No. 182316 granted to YAHAMA HATSUDOKI KABUSHIKI KAISHA for an invention relating to a system for supplying liquid to a machine.

The Patent ceased on the 21.10.2000 due to non-payment of renewal fees within the prescribed time and the cessation of the patent was notified in the Gazette of India, Part III, Section 2 dated the 10.11.2001.

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 14 in duplicate, with the Controller of Patents, The Patent Office, Nizam Palace, 2nd M.S.O. Building 5th, 6th & 7th Floor, 234/4, A.J.C. Bose Road, Calcutta-700 020 on or before the 08.02.2001 under rule 69 of the Patents Rules 1972. A written statement, in triplicate, setting out the nature of the opponents interest, the fact upon which he bases his case and the relief he seeks, shall be filed with the notice or within two months from the date of the notice.

Notice is hereby given that an application was made under Section 60 of the Patents Act 1970 for the restoration of Patent No. 182845 granted to MACROVISION CORPORATION for an invention relating to an apparatus for defeating the effects of a copy signal protection video signal.

The Patent ceased on the 24.9.2000 due to non-payment of renewal fees within the prescribed time and the cessation of the patent was notified in the Gazette of India, Part III, Section 2 dated the 6.10.2001.

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 14 in duplicate, with the Controller of Patents, The Patent Office, Nizam Palace, 2nd M.S.O. Building 5th, 6th & 7th Floor, 234/4, A.J.C. Bose Road, Calcutta-700 020 on or before the 08.02.2001 under rule 69 of the Patents Rules 1972. A written statement, in triplicate, setting out the nature of the opponents interest, the fact upon which he bases his case and the relief he seeks, shall be filed with the notice or within two months from the date of the notice.

Notice is hereby given that an application was made under Section 60 of the Patents Act 1970 for the restoration of Patent No. 182940 granted to ELI LILLY & COMPANY for an invention relating to a process for preparing an amorphous form of benzothienophenes.

The Patent ceased on the 20.07.2000 due to non-payment of renewal fees within the prescribed time and the cessation of the patent was notified in the Gazette of India, Part III, Section 2 dated the 06.10.2001.

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 14 in duplicate, with the Controller of Patents, The Patent Office, Nizam Palace, 2nd M.S.O. Building 5th, 6th & 7th Floor, 234/4, A.J.C. Bose Road, Calcutta-700 020 on or before the 08.02.2001 under rule 69 of the Patents Rules 1972. A written statement, in triplicate, setting out the nature of the opponents interest, the fact upon which he bases his case and the relief he seeks, shall be filed with the notice or within two months from the date of the notice.

Notice is hereby given that an application was made under Section 60 of the Patents Act 1970 for the restoration of Patent No. 184023 granted to Bosch-Siemens Hausgerate GmbH for an invention relating to a circuit configuration for triggering a switching element via an electromagnet.

The Patent ceased on the 24.10.2000 due to non-payment of renewal fees within the prescribed time and the cessation of the patent was notified in the Gazette of India, Part III, Section 2 dated the 10.11.2001.

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 14 in duplicate, with the Controller of Patents, The Patent Office, Nizam Palace, 2nd M.S.O. Building 5th, 6th & 7th Floor, 234/4, A.J.C. Bose Road, Calcutta-700 020 on or before the 08.02.2001 under rule 69 of the Patents Rules 1972. A written statement, in triplicate, setting out the nature of the opponents interest, the fact upon which he bases his case and the relief he seeks, shall be filed with the notice or within two months from the date of the notice.

Notice is hereby given that an application was made under Section 60 of the Patents Act 1970 for the restoration of Patent No. 184185 granted to RAMAN AHILAN for an invention relating to a process for making retort sterilized sauted onions.

The Patent ceased on the 13.5.2001 due to non-payment of renewal fees within the prescribed time and the cessation of the patent was notified in the Gazette of India, Part III, Section 2 dated the 06.10.2001.

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 14 in duplicate, with the Controller of Patents, The Patent Office, Nizam Palace, 2nd M.S.O. Building 5th, 6th & 7th Floor, 234/4, A.J.C. Bose Road, Calcutta-700 020 on or before the 08.02.2001 under rule 69 of the Patents Rules 1972. A written statement, in triplicate, setting out the nature of the opponents interest, the fact upon which he bases his case and the relief he seeks, shall be filed with the notice or within two months from the date of the notice.

#### RENEWAL FEES PAID

179390 179425 182271 181303 186793 181431 183960  
180231 181757 182776 179893 175676 171668 181553  
174735 170377 179038 179624 176818 172691 173811  
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180707 179450 173136 170717 170885 175276 179946  
178512 175978 176984 181537 180008 180259 181059  
182256 182140

#### PATENT SEALED ON 09-11-2001

184252 184269 185259 185547 185648\* 185668\*D 185677\*  
185692\*D 185702\*D 185706\*D 185708\*D 185712 185716  
185731 185733\* 185734\* 185736 185738 185739 185740  
185742\*D 185743\*D 185744\*D 185745\*D 185746\*D  
185747\*D 185749\*D 185750\*F

#### KOL—01. DEL—23. MUM—02. CHEN—02.

\*Patent shall be deemed to be endorsed with words LICENCE OF RIGHT Under Section 87 of the Patents Act., 1970 from the date of expiration of three years from the date of sealing.

D=Drug Patents.

F=Food Patents.

#### REGISTRATION OF DESIGNS.

The following designs have been registered. They are not open to inspection for period of two years from the date of registration except as provided for in Section 50 of the Design Act, 1911.

The date shown in the each entries in the date of registration included in the entries.

- |             |  |
|-------------|--|
| Class 03    | No. 184760 & 184761. Hindustan Lubricant Company Pvt. Ltd. of Aroma Complex, S.R.M. Road, Cochin-682018, Kerala, India. "CONTAINER". 22nd February 2001.                   |
| Class 01    | No. 184772. The Jay Engineering Works Ltd. 23, Kasturba Gandhi Marg, New Delhi-110001, India. "CEILING FAN". 22nd February 2001.   |
| Class 10-06 | No. 184994, Cona Industries, 20/21, Neeraj Industrial Estate, Off. Mahakali Caves Road, Andheri East, Mumbai-400093, Maharashtra, India. "ELECTRIC BUZZER". 12 March 2001. |
| Class 02-04 | No. 185133 & 185134. M/s. Trela Footwear Exports Pvt. Ltd. of D-38, Site-C, Industrial Area, Sikandra, Agra-282007, (India). "SOLE OF FOOTWEAR". 26th March 2001.          |
| Class 01    | No. 185143, Green Valley Crawl Pvt. Ltd. of 6, Panchwati Society, New Junction Road, Surendranagar, Gujarat, India. "ELECTRICAL TANK". 27th March 2001.                    |
| Class 13    | No. 185216. Y & S Holdings, of 18 N-Block Market, Greater Kailash Part-I, New Delhi. "TEXTILE FABRIC". 30th March 2001.  |
| Class 03    | No. 185364. Pidilite Industries Ltd. of Regent Chambers, 7th Floor, Jamnalal Bajaj Marg,   |

	Nariman Point, Mumbai-400021, Maharashtra, India. "BOTTLE". 20th April 2001.		Maharashtra, India. "SWITCH". 15th May 2001.
Class 04	No. 185492. Satish Nath Sharma 10 E Industrial Estate, Govindpura, Bhopal-462023, "FOUNDATION INSULATOR". 9th May 2001.	Class 10-07	No. 185825 & 185826. Dilip Watch and Music House of 387, M.G. Road, Khajuri Bazar, Indore, Madhya Pradesh, India. "WATCH CASE". 14th June 2001.
Class 13-03	No. 185545. G. M. Modular Pvt. Ltd. 22/23, Shubh B: Bldg., Sagar Manthan Industrial Complex, Bhoda Pada, Vasai (E). Thane (Distt).		H.D. THAKUR Controller General of Patents, Designs & Trade Marks.

